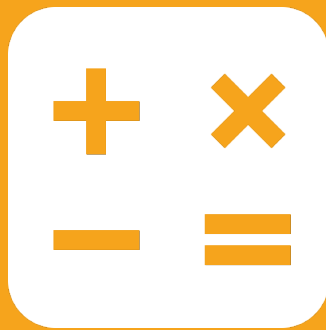# 5th Grade Worksheet Bundle:

Volume Two

Printable math, reading, and literacy worksheets from Edmentum Exact Path.
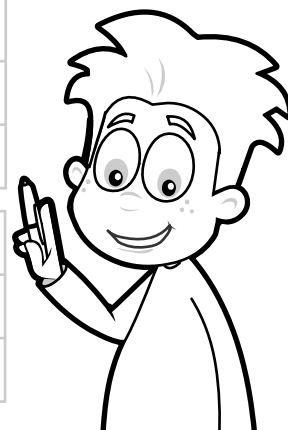
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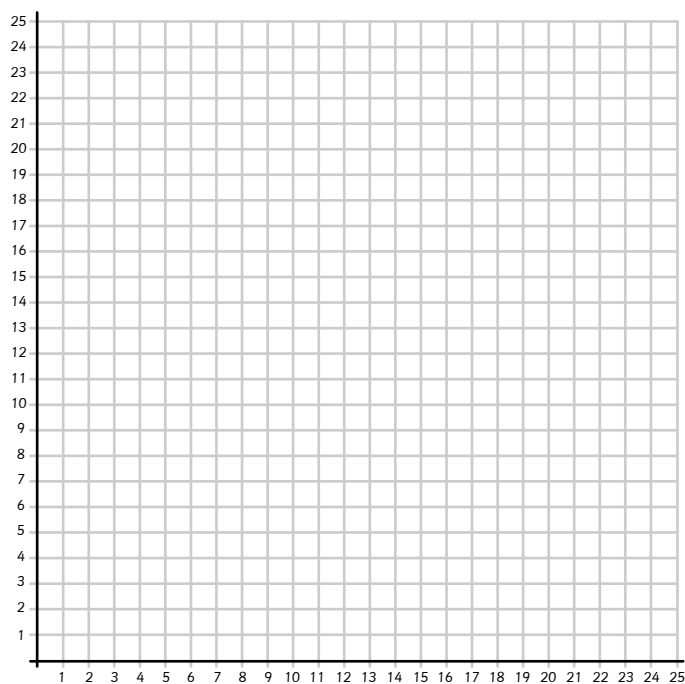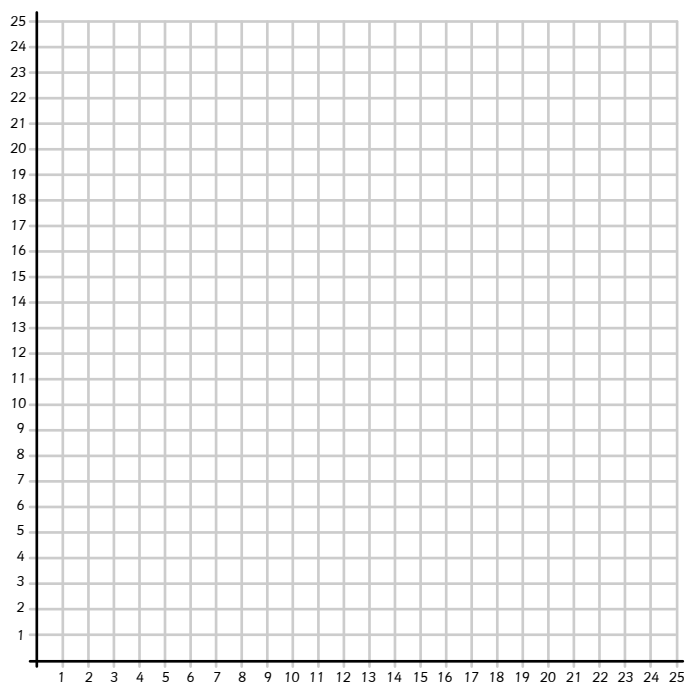# Math Activities

Bake Sale
Activity Sheet

Name: _____ Class: _____

Fill in the patterns and complete the ordered pairs.

Rule: Add 1	0				
Rule: Add 5	0				
Ordered Pair	(0,0)				

Rule: Add 6	0				
Rule: Add 2	0				
Ordered Pair	(0,0)				

Graph the ordered pairs and draw a line to connect them.

How are the rules related?

_____

_____

_____

_____

_____

_____

Name: _____ Class: _____

Fill in the patterns and complete the ordered pairs.

Rule: Add 1	0	1	2	3	4
Rule: Add 5	0	5	10	15	20
Ordered Pair	(0,0)	(1,5)	(2,10)	(3,15)	(4,20)
Rule: Add 6	0	6	12	18	24
Rule: Add 2	0	2	4	6	8
Ordered Pair	(0,0)	(6,2)	(12,4)	(18,6)	(24,8)
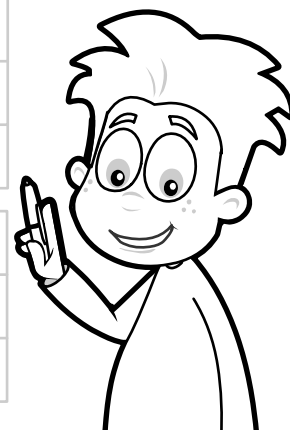
Graph the ordered pairs and draw a line to connect them.
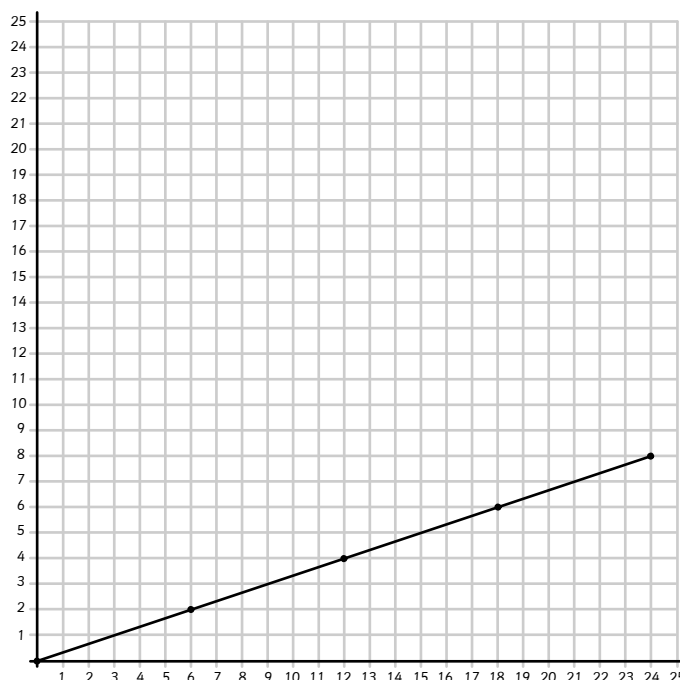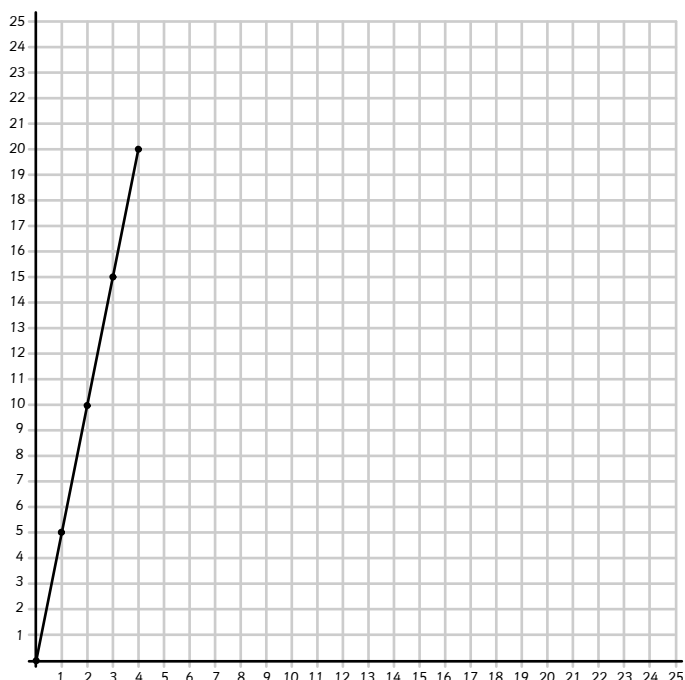
How are the rules related?   **Suggested answers**

The numbers in the second pattern are five times the numbers in the first pattern.

You can multiply the numbers in the first pattern by 5 to get the numbers in the second pattern.

The numbers in the second pattern are one third of the numbers in the first pattern.

You can divide the numbers in the first pattern by 3 to get the numbers in the second pattern.

Fetch the Figures
Activity Sheet

Name: _____ Class: _____

Classify each figure using as many names as you can.
Some names will be used more than once.

- quadrilateral
- square
- scalene triangle
- rhombus

- parallelogram
- right triangle
- isosceles triangle
- obtuse triangle

- rectangle
- acute triangle
- equilateral triangle

1

_____
_____
_____

2

_____
_____
_____

3

_____
_____
_____

4

_____
_____
_____
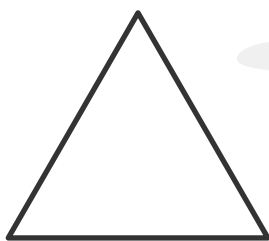
5

_____
_____
_____

6

_____
_____
_____

Name: _____ Class: _____

Classify each figure using as many names as you can.
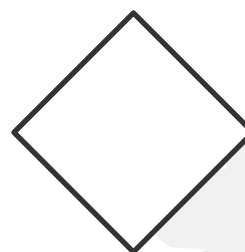Some names will be used more than once.

- quadrilateral
- square
- scalene triangle
- rhombus

- parallelogram
- right triangle
- isosceles triangle
- obtuse triangle

- rectangle
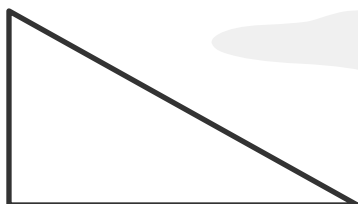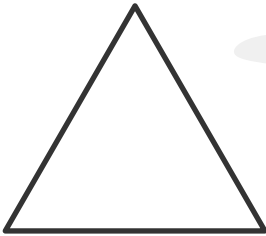- acute triangle
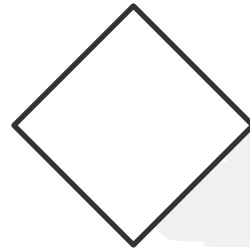- equilateral triangle

1

equilateral triangle, isosceles triangle
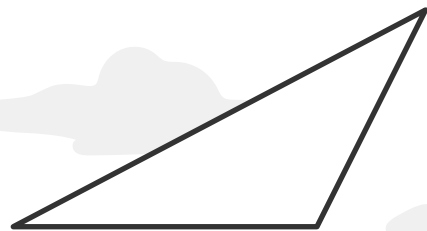
2

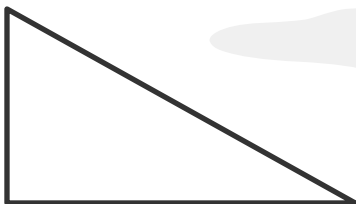quadrilateral, parallelogram, square, rectangle, rhombus

3

quadrilateral, parallelogram

4

obtuse triangle, scalene triangle

5

right triangle, isosceles triangle

6

quadrilateral, parallelogram, rectangle

Pigeon Race
Activity Sheet

Name: _____   Class: _____

Sten, Manu, Klara and Stig decided to race their pigeons to see how far they would travel over a distance of 36 miles.
Below are the results.
Which order did the pigeons come in?
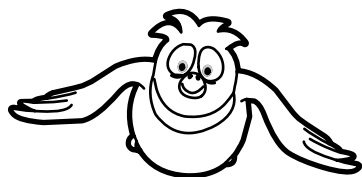
1 Sten's pigeon travelled

$\frac{4}{9}$ = _____ miles

It came in

_____

2 Manu's pigeon travelled

$\frac{2}{12}$ = _____ miles

It came in

_____

3 Klara's pigeon travelled

$\frac{5}{18}$ = _____ miles

It came in

_____

4 Stig's pigeon travelled

$\frac{2}{6}$ = _____ miles

It came in

_____

They then decided to have a relay to see how far the pigeons could travel in total over a distance of 60 miles.

a Sten's pigeon went first.

It travelled $\frac{2}{12}$ = _____ miles
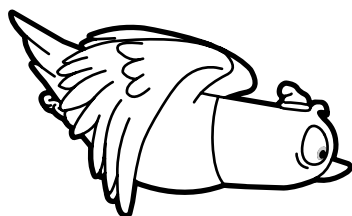
b Klara's pigeon was second.

It travelled $\frac{3}{10}$ = _____ miles
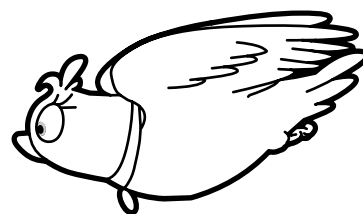
c Then Stig's pigeon was third.

It travelled $\frac{2}{6}$ = _____ miles
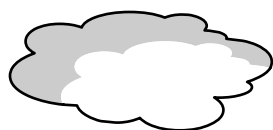
d Manu's pigeon went last.

It travelled $\frac{2}{15}$ = _____ miles
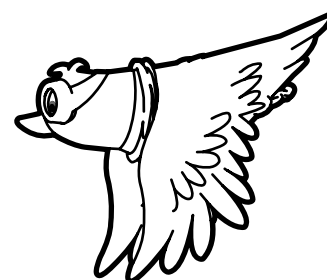
e How far did they travel

altogether? _____ miles

Pigeon Race - Answer Key
Activity Sheet

Name: _____ Class: _____

Sten, Manu, Klara and Stig decided to race their pigeons to see how far they would travel over a distance of 36 miles.
Below are the results.
Which order did the pigeons come in?

1 Sten's pigeon travelled

$\frac{4}{9}$ = ____**16**____ miles

It came in

1st

2 Manu's pigeon travelled

$\frac{2}{12}$ = ____**6**____ miles

It came in

4th

3 Klara's pigeon travelled

$\frac{5}{18}$ = ____**10**____ miles

It came in

3rd

4 Stig's pigeon travelled

$\frac{2}{6}$ = ____**12**____ miles

It came in

2nd

They then decided to have a relay to see how far the pigeons could travel in total over a distance of 60 miles.

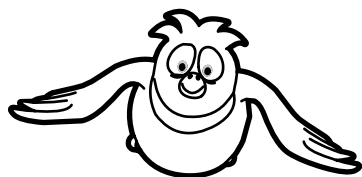**ⓐ** Sten's pigeon went first.
It travelled $\frac{2}{12}$ = ____**10**____ miles

ⓑ Klara's pigeon was second.
It travelled $\frac{3}{10}$ = ____**18**____ miles
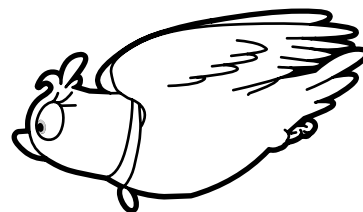
ⓒ Then Stig's pigeon was third.
It travelled $\frac{2}{6}$ = ____**20**____ miles

ⓓ Manu's pigeon went last.
It travelled $\frac{2}{15}$ = ____**8**____ miles
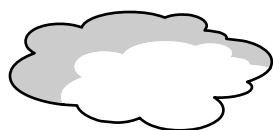
ⓔ How far did they travel altogether? ____**56**____ miles

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Popcorn Portions
Activity Sheet

Name: _____ Class: _____

5 $\dfrac{1}{4} \times \dfrac{3}{10} =$ _____

6 $\dfrac{2}{3} \times \dfrac{9}{10} =$ _____

7 $\dfrac{1}{5} \times \dfrac{4}{5} =$ _____

8 $\dfrac{7}{9} \times \dfrac{2}{3} =$ _____

9 $\dfrac{9}{10} \times \dfrac{3}{5} =$ _____

10 $\dfrac{2}{5} \times \dfrac{4}{7} =$ _____

11 $\dfrac{3}{4} \times \dfrac{7}{12} =$ _____
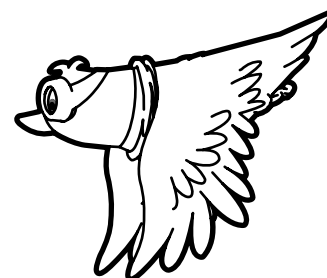
12 $\dfrac{1}{3} \times \dfrac{1}{5} =$ _____

Popcorn Portions - Answer Key

Activity Sheet

Name: _____ Class: _____

Multiply.

5 $\dfrac{1}{4} \times \dfrac{3}{10} = \dfrac{1 \times 3}{4 \times 10} = \dfrac{3}{40}$

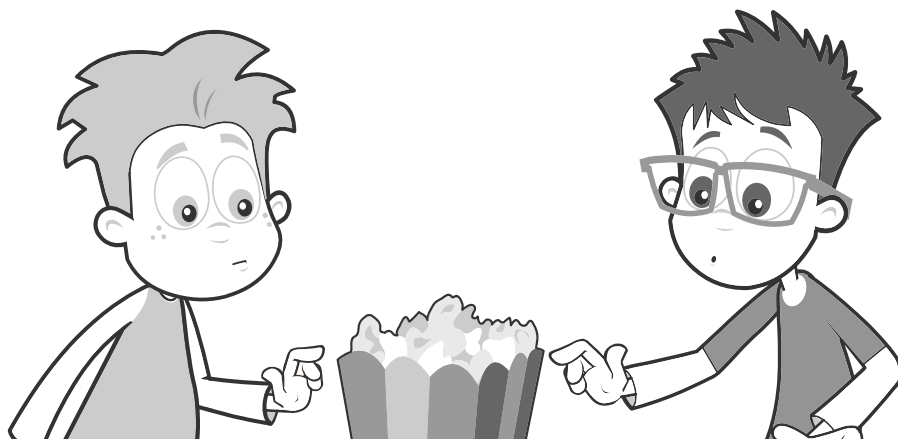**6** $\dfrac{2}{3} \times \dfrac{9}{10} = \dfrac{2 \times 9}{3 \times 10} = \dfrac{18}{30} = \dfrac{3}{5}$

7 $\dfrac{1}{5} \times \dfrac{4}{5} = \dfrac{1 \times 4}{5 \times 5} = \dfrac{4}{25}$

8 $\dfrac{7}{9} \times \dfrac{2}{3} = \dfrac{7 \times 2}{9 \times 3} = \dfrac{14}{27}$

9 $\dfrac{9}{10} \times \dfrac{3}{5} = \dfrac{9 \times 3}{10 \times 5} = \dfrac{27}{50}$

10 $\dfrac{2}{5} \times \dfrac{4}{7} = \dfrac{2 \times 4}{5 \times 7} = \dfrac{8}{35}$

11 $\dfrac{3}{4} \times \dfrac{7}{12} = \dfrac{3 \times 7}{4 \times 12} = \dfrac{21}{48} = \dfrac{7}{16}$

12 $\dfrac{1}{3} \times \dfrac{1}{5} = \dfrac{1 \times 1}{3 \times 5} = \dfrac{1}{15}$
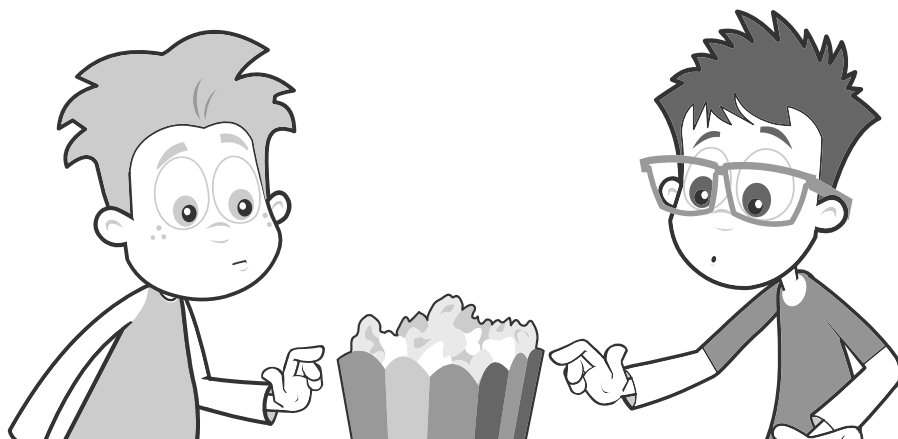
Popcorn Portions
Activity Sheet

Name: _____ Class: _____

Use a model to multiply fractions.
Show your work on the model.

1 $\dfrac{1}{2} \times \dfrac{3}{5} =$ _____

2 $\dfrac{1}{3} \times \dfrac{2}{3} =$ _____

3 $\dfrac{2}{3} \times \dfrac{3}{4} =$ _____

4 $\dfrac{3}{4} \times \dfrac{4}{5} =$ _____

Popcorn Portions - Answer Key
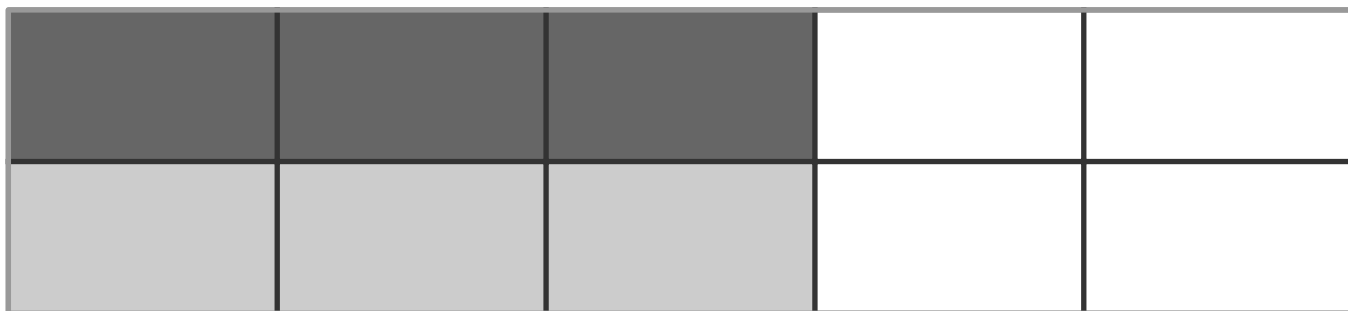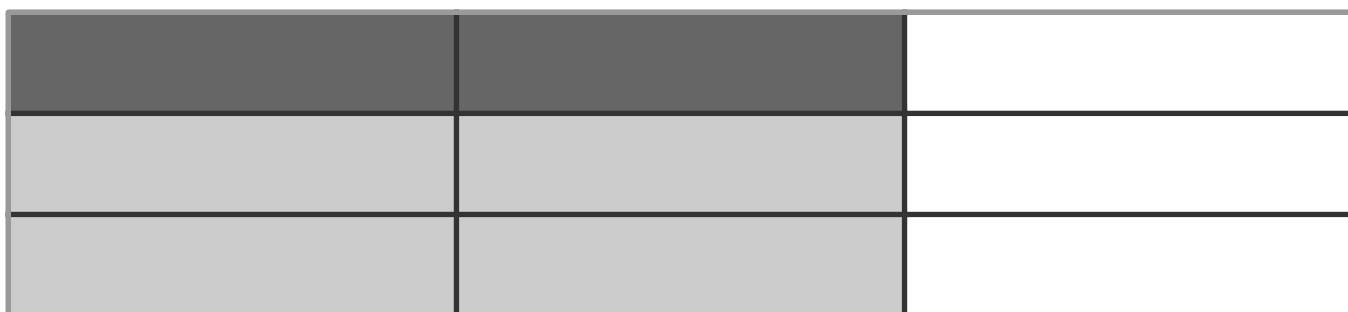**Activity Sheet**

Name: _____ Class: _____

> Use a model to multiply fractions.
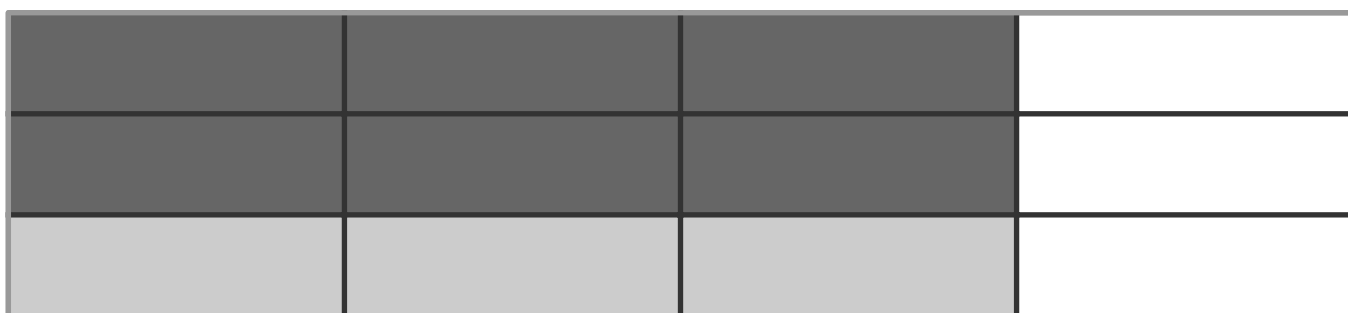> Show your work on the model.

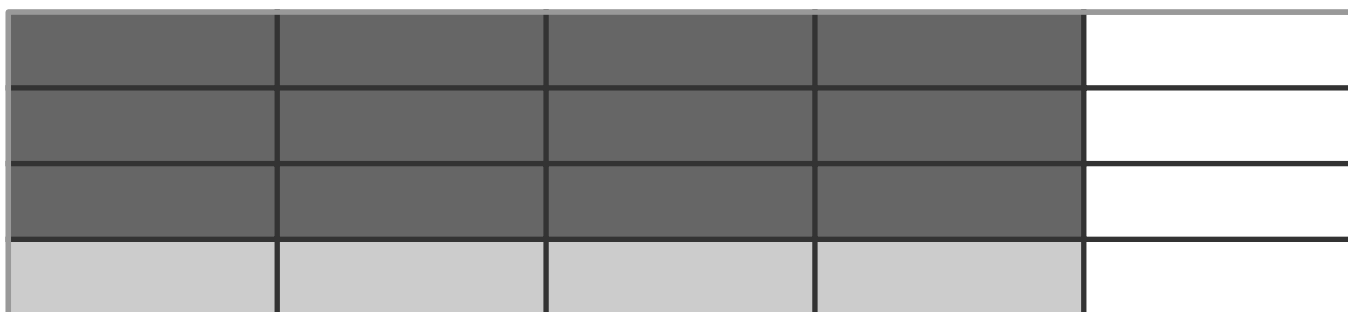**1** $\dfrac{1}{2} \times \dfrac{3}{5} = \dfrac{3}{10}$

2 $\dfrac{1}{3} \times \dfrac{2}{3} = \dfrac{2}{9}$

3 $\dfrac{2}{3} \times \dfrac{3}{4} = \dfrac{6}{12} = \dfrac{1}{2}$

4 $\dfrac{3}{4} \times \dfrac{4}{5} = \dfrac{12}{20} = \dfrac{3}{5}$

Shopping Spree
Activity Sheet

Name: _____ Class: _____

Sten is going shopping to buy items to take to school for his lunch.
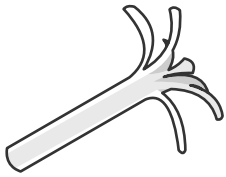
cheese sticks - $2.99   crackers - $1.25   fruit cup - $2.50
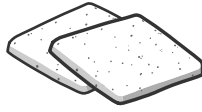
applesauce - $1.27   granola bars - $2.19   vegatables with dip - $1.75
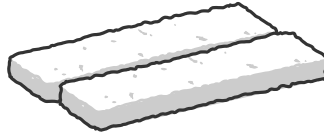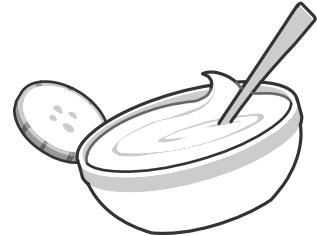
1 Which three things can he buy for less than $6.00?

_____

What is their total? _____

2 Which four items can he buy for less than $7.00?

_____

What is their total? _____

3 Which two items can he buy for between $4.00 and $5.00?

_____

What is their total? _____

4 Sten has $6.00. He needs to pick three items for his lunch.
What two different combinations of three items can he buy for less than $6.00?

a _____

b _____
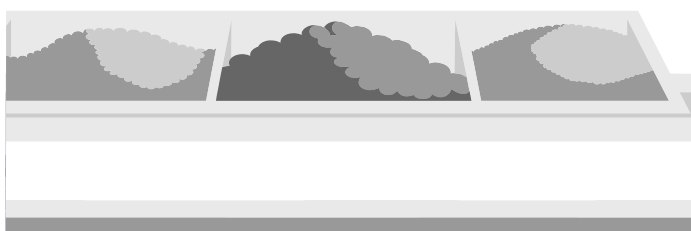
Shopping Spree - Answer Key
### Activity Sheet

Name: _____ Class: _____

Sten is going shopping to buy items to take to school for his lunch.

cheese sticks - $2.99   crackers - $1.25   fruit cup - $2.50
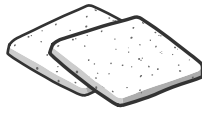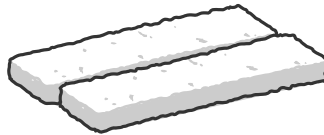
applesauce - $1.27   granola bars - $2.19   vegatables with dip - $1.75

1 Which three things can he buy for less than $6.00?
granola bars, crackers, vegetables with dip

What is their total? **$5.19**

2 Which four items can he buy for less than $7.00?
crackers, applesauce, vegetables with dip, fruit cup

What is their total? **$6.46**

3 Which two items can he buy for between $4.00 and $5.00?
crackers, vegetables with dip

What is their total? **$6.46**

4 Sten has $6.00. He needs to pick three items for his lunch.
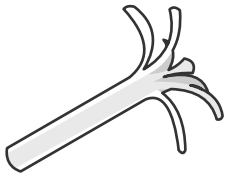What two different combinations of three items can he buy for less
than $6.00?

a **fruit cup, applesauce, granola bars**

b **vegetables with dip, crackers, cheese sticks**

Name: _____ Class: _____

Sten began his space journey at 6:15 a.m. He started to prepare his spaceship three and a half hours before, at ___:___ _____ By 6:05 a.m. he was ready, and he radioed through to mission control to tell them it was time to start his countdown. It was so exciting! All the lights on the flight deck lit up, and the engine roared. Sten couldn't help grinning, but if he were honest, he would have admitted to feeling a little nervous. Two hours and twenty minutes later at ___:___ _____, Sten had finished orbiting Earth and was getting impatient. He wanted to arrive, although he knew his journey would take ages. After looking at a book for 35 minutes at ___:___ _____ 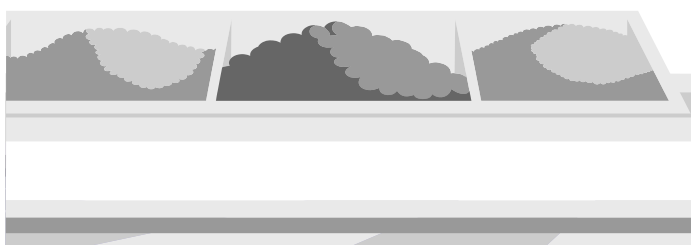Sten turned on his space television. One hour later, at ___:___ _____, he started to feel a bit tired. Suddenly, Sten woke up with a jump! "Oh no!" he thought to himself, "How on Earth could I have nodded off at such an important time? I've been asleep for one hour and fifteen minutes, and the time is now ___:___ _____."

Carry the story of Sten's adventure into space below.
Don't forget to include the times when things happen.

_____

_____

_____

_____

_____

_____

_____

_____

Time and Space - **Answer Key**

Activity Sheet

Name: _____ Class: _____

Help finish Sten's space adventure by filling in the missing times.

Sten began his space journey at 6:15 a.m. He started to prepare his spaceship three and a half hours before, at __**2**:**45 a.m.**__ By 6:05 a.m. he was ready, and he radioed through to mission control to tell them it was time to start his countdown. It was so exciting! All the lights on the flight deck lit up, and the engine roared. Sten couldn't help grinning, but if he were honest, he would have admitted to feeling a little nervous. Two hours and twenty minutes later at __**8**:**25 a.m.**__, Sten had finished orbiting Earth and was getting impatient. He wanted to arrive, although he knew his journey would take ages. After looking at a book for 35 minutes at __**9**:**00 a.m.**__ Sten turned on his space television. One hour later, at __**10**:**00 a.m.**__, he started to feel a bit tired. Suddenly, Sten woke up with a jump! "Oh no!" he thought to himself, "How on Earth could I have nodded off at such an important time? I've been asleep for one hour and fifteen minutes, and the time is now __**11**:**15 a.m.**__."

Carry the story of Sten's adventure into space below.
Don't forget to include the times when things happen.

Students extend the story in the same style, including the times that events happened.

_____

_____

_____

_____

_____

_____

_____

_____

Volume Control
Activity Sheet

Name: _____ Class: _____
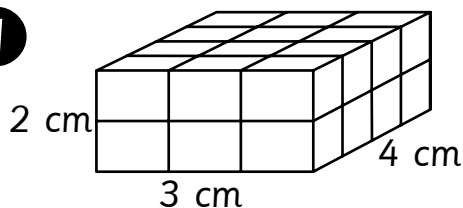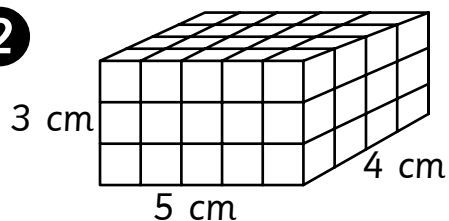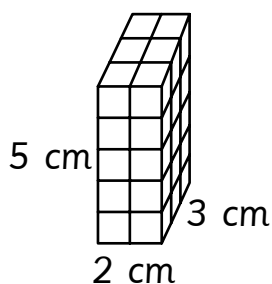
Find the volume of each figure.

1 2 cm, 3 cm, 4 cm

Volume = _____ cm³

2 3 cm, 5 cm, 4 cm

Volume = _____ cm³

3 5 cm, 2 cm, 3 cm

Volume = _____ cm³

4 4 cm, 4 cm, 3 cm

Volume = _____ cm³

5 4 cm

Volume = _____ cm³

6 5 cm, 10 cm, 5 cm

Volume = _____ cm³

7 5 cm, 8 cm, 2 cm

Volume = _____ cm³

8 6 cm

Volume = _____ cm³

9 5 cm, 7 cm, 4 cm

Volume = _____ cm³

10 6 cm, 8 cm, 3 cm
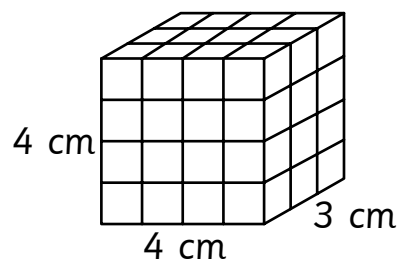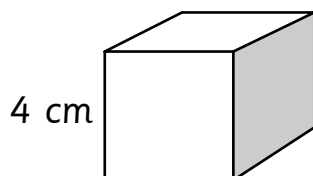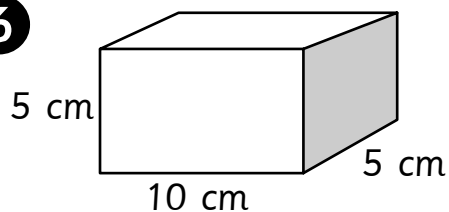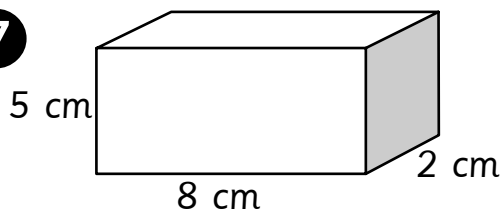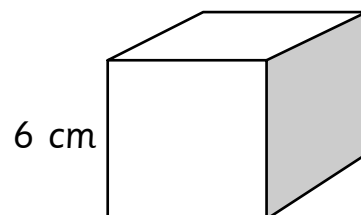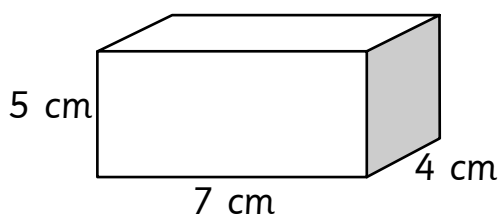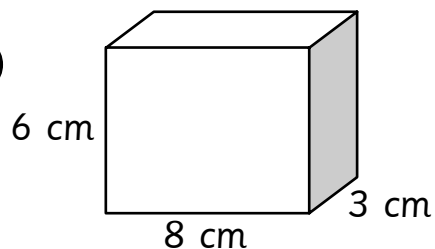
Volume = _____ cm³

Volume Control - **Answer Key**

Activity Sheet
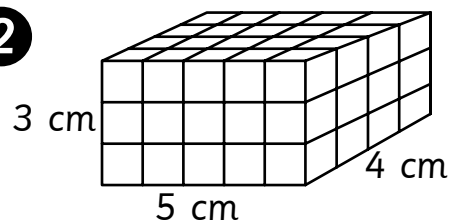
Name: _____ Class: _____

Find the volume of each figure.

1
2 cm, 3 cm, 4 cm

Volume = __**24**__ cm³

2
3 cm, 5 cm, 4 cm

Volume = __**60**__ cm³

3
5 cm, 2 cm, 3 cm

Volume = __**30**__ cm³

4
4 cm, 4 cm, 3 cm

Volume = __**48**__ cm³

5
4 cm

Volume = __**64**__ cm³

6
5 cm, 10 cm, 5 cm

Volume = __**250**__ cm³

7
5 cm, 8 cm, 2 cm

Volume = __**80**__ cm³

8
6 cm

Volume = __**216**__ cm³

9
5 cm, 7 cm, 4 cm

Volume = __**140**__ cm³

10
6 cm, 8 cm, 3 cm

Volume = __**144**__ cm³

Water World
Activity Sheet
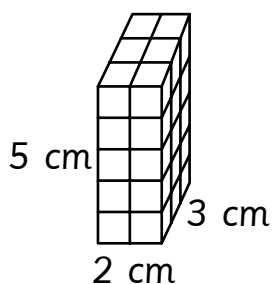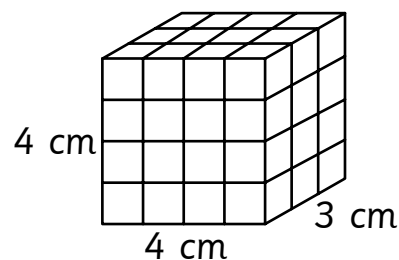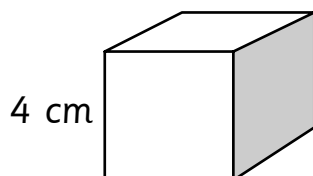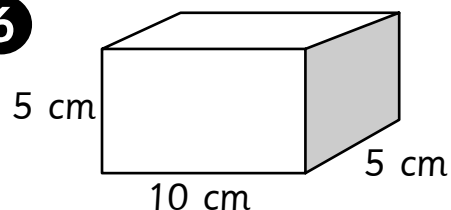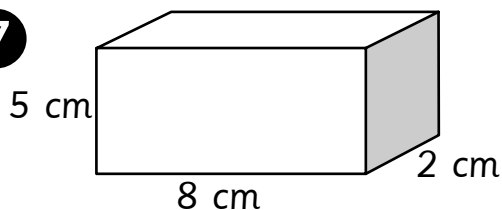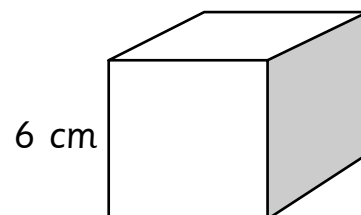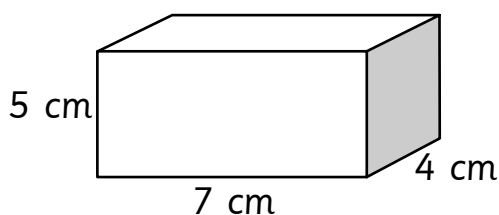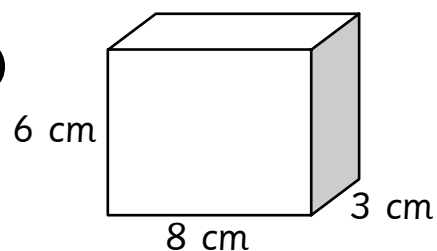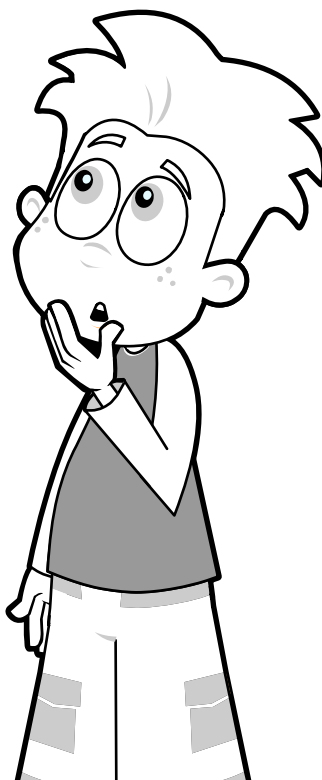
Name: _____ Class: _____

Write each expression as a fraction, a whole number, or a mixed number.

1 $12 \div 7$ =   _____

2 $7 \div 12$ =   _____

3 $5 \div 14$ =   _____

4 $27 \div 10$ =   _____

5 $13 \div 3$ =   _____

6 $9 \div 10$ =   _____

7 $16 \div 20$ =   _____

8 $40 \div 50$ =   _____

9 $50 \div 40$ =   _____

10 $18 \div 8$ =   _____

11   Granny bought 8 apples to share equally between 9 people. How many apples will each person get?

_____

12   3 fruit rolls were shared equally between 5 people. How much fruit roll did each person eat?

_____

Water World - **Answer Key**
Activity Sheet

Name: _____ Class: _____

> Write each expression as a fraction, a whole number, or a mixed number.

1 $12 \div 7$ = $\dfrac{12}{7}$ or $1\dfrac{5}{7}$

2 $7 \div 12$ = $\dfrac{7}{12}$

3 $5 \div 14$ = $\dfrac{5}{14}$

4 $27 \div 10$ = $\dfrac{27}{10}$ or $2\dfrac{7}{10}$

5 $13 \div 3$ = $\dfrac{13}{3}$ or $4\dfrac{1}{3}$

6 $9 \div 10$ = $\dfrac{9}{10}$

7 $16 \div 20$ = $\dfrac{16}{20}$ or $\dfrac{4}{5}$

8 $40 \div 50$ = $\dfrac{40}{50}$ or $\dfrac{4}{5}$

9 $50 \div 40$ = $\dfrac{50}{40}$, $\dfrac{5}{4}$ or $1\dfrac{1}{4}$

10 $18 \div 8$ = $\dfrac{18}{8}$ or $2\dfrac{1}{4}$

11 Granny bought 8 apples to share equally between 9 people. How many apples will each person get?

$$\dfrac{8}{9}$$

12 3 fruit rolls were shared equally between 5 people. How much fruit roll did each person eat?

$$\dfrac{3}{5}$$

Reading and Literacy

Brothers Grimm
Activity Sheet

Name: _____ Class: _____

Write an imaginary letter to the Brothers Grimm.
The letter should include:
the most interesting things you learned
a comment about your favorite Grimm fairytale, and
questions about the brothers you would like to know the answers to.
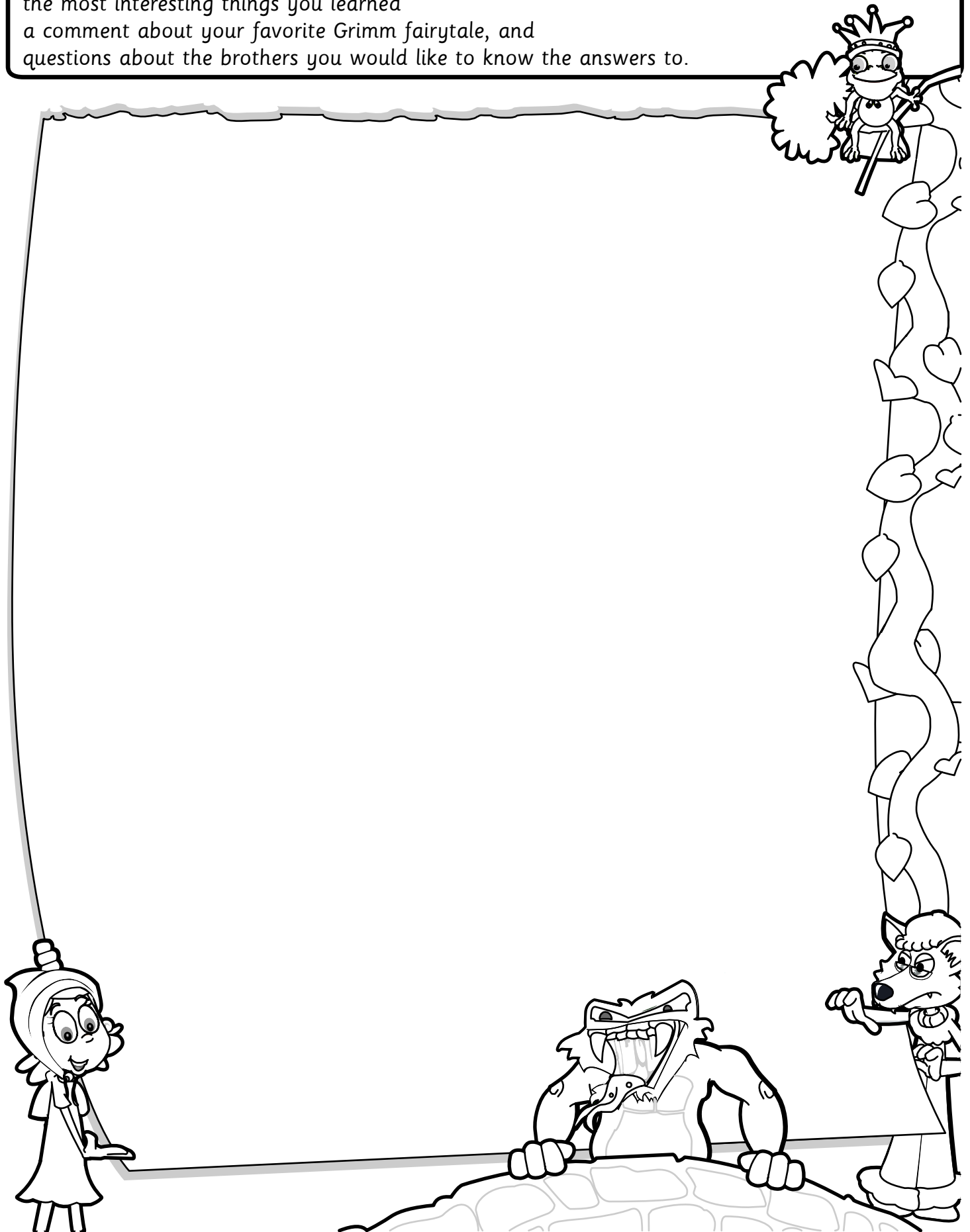
Name: _____   Class: _____

> Write an imaginary letter to the Brothers Grimm.
> The letter should include:
> the most interesting things you learned
> a comment about your favorite Grimm fairytale, and
> questions about the brothers you would like to know the answers to.

Suggested answer

Dear Brothers Grimm,

I enjoyed learning about your lives. I did not know that you started out studying law. I thought it was interesting that you changed your career choice once you got to college. I also thought it was neat the way you considered yourselves story collectors, since you were retelling old stories.

My favorite tale is "Hansel and Gretel". I like how the kids are such good problem solvers and are so brave. But I also like how it tells a lesson about not wandering off to places you know you shouldn't go.

After I read about you, I wondered if you had a favorite tale? I thought it was interesting the way you both studied and worked together, and I wonder if you ever had disagreements?

Thank you for writing your stories!

Sincerely,

Klara
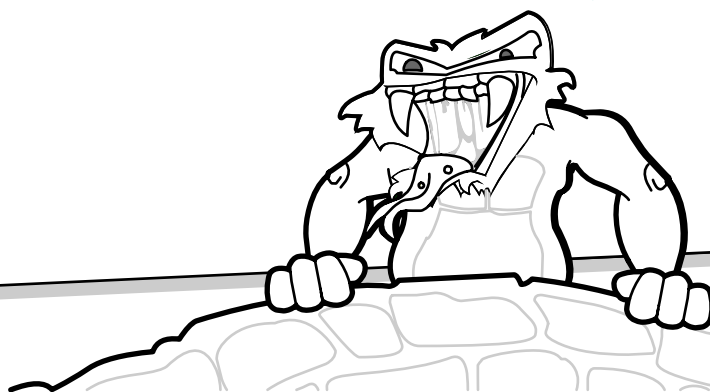
Digging into Dinosaurs
Activity Sheet

Name: _____ Class: _____

1 What is a claim?

_____

_____

_____

2 How do authors support their claims?

_____

_____

_____

3 What questions can you ask yourself as you read to analyze an author's claims?

_____

_____

_____

_____

_____

_____

_____

Name: _____   Class: _____

Answer the following questions in your own words.

1 What is a claim?

A claim is the point the author is trying to make.

2 How do authors support their claims?

They provide reasons, and evidence to support those reasons.

3 What questions can you ask yourself as you read to analyze an author's claims?

What is the author's point? What reasons does the author give for the claim? What support does the author offer for the reasons?

Suggested answers

Final Cut
Activity Sheet

Name: _____   Class: _____

Imagine you are making a trailer for a scary film.
What would your trailer look like?
In the boxes below, list three descriptive words you would use to describe the music and three images you would use.

The music I would choose would be	The images I would use would be
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____

Think of four characters you would have in your film.
What would they look like?

Character 1. _____

_____

Character 2. _____

_____

Character 3. _____

_____

Character 4. _____

_____

What words would you use to describe your film?

1. _____

2. _____

3. _____

Name: _____ Class: _____

Imagine you are making a trailer for a scary film.
What would your trailer look like?
In the boxes below, list three descriptive words you would use to describe the music and three images you would use.

The music I would choose would be	The images I would use would be
1. **Sinister**	1. **Dark woods**
2. **Tense**	2. **Abandoned house**
3. **Slow**	3. **Monsters**

Think of four characters you would have in your film.
What would they look like?

Character 1. **Sam. A brave, brown haired girl who fights off the monsters. Always wears red shoes.**

Character 2. **Nerman. A big, green, hairy monster, with large fangs.**

Character 3. **Phil. Sam's younger brother, who is afraid of the dark. Short. Wears glasses.**

Character 4. **Stoove. A small, slimy, pink monster with thin arms, bony hands and sharp claws.**

What words would you use to describe your film?

1. **Terrifying**

2. **Exciting**

3. **Shocking**

Suggested answers

Final Cut
Activity Sheet

Name: _____ Class: _____

Create a plan for a movie trailer.

1 What kind of movie will you advertise? _____

2 Sketch eight scenes you will show in your trailer on the Resource Sheet provided.

3 How do these scenes help an audience know what your movie is about?

_____

_____

4 Write a script for the voice-over.

_____

_____

_____

_____

5 How does this set the tone of the trailer?

_____

_____

6 What type of music will you use?

_____

7 How will this help with the tone of your trailer?

_____

_____

Final Cut - Answer Key
Activity Sheet

Name: _____ Class: _____

Create a plan for a movie trailer. (Suggested answers) (Accept all reasonable responses)

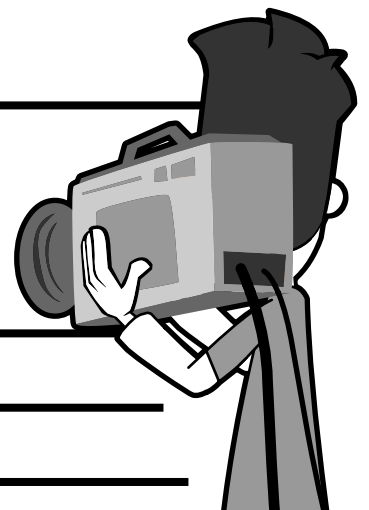**1** What kind of movie will you advertise? **action**

2 Sketch eight scenes you will show in your trailer on the Resource Sheet provided.

Accept all reasonable responses

3 How do these scenes help an audience know what your movie is about?
They show that the film is active and fast-paced.

4 Write a script for the voice-over.

In a world that needs saving, one woman rises to the challenge! Coming soon to a theater near you: Lady Bravery!

5 How does this set the tone of the trailer?
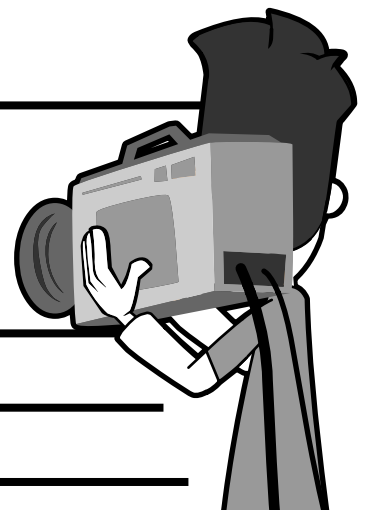**It is lively with action words. It has lots of energy.**

6 What type of music will you use?
I will use upbeat and loud music.

7 How will this help with the tone of your trailer?
It will set an energetic and active tone.

Gone and Dune It
Activity Sheet

Name: _____ Class: _____

Complete the word study cards for each word.

Produce	Synonyms
Antonyms	**Homographs**

Refuse	Synonyms
Antonyms	**Homographs**

Tear	Synonyms
Antonyms	**Homographs**

Wound	Synonyms
Antonyms	**Homographs**
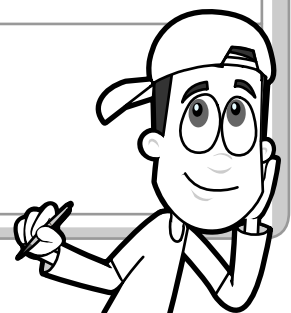
Name: _____   Class: _____

Complete the word study cards for each word. | **Sample answers** |

Produce

Synonyms

make, create

Antonyms

destroy, tear down

Homographs

to make;
vegetables and fruits

Refuse

Synonyms

deny, reject

Antonyms

accept

Homographs

to deny; trash

Tear

Synonyms

rip, split

Antonyms

unite, join

Homographs

to rip; water from the eye

Wound

Synonyms

injure, insult, harm

Antonyms

soothe, heal

Homographs

injure; to twist around

Name: _____   Class: _____

> Answer the questions in your own words.

1 What elements can you compare and contrast in a story?

_____

_____

_____

2 How are comparing and contrasting different?

_____

_____

_____

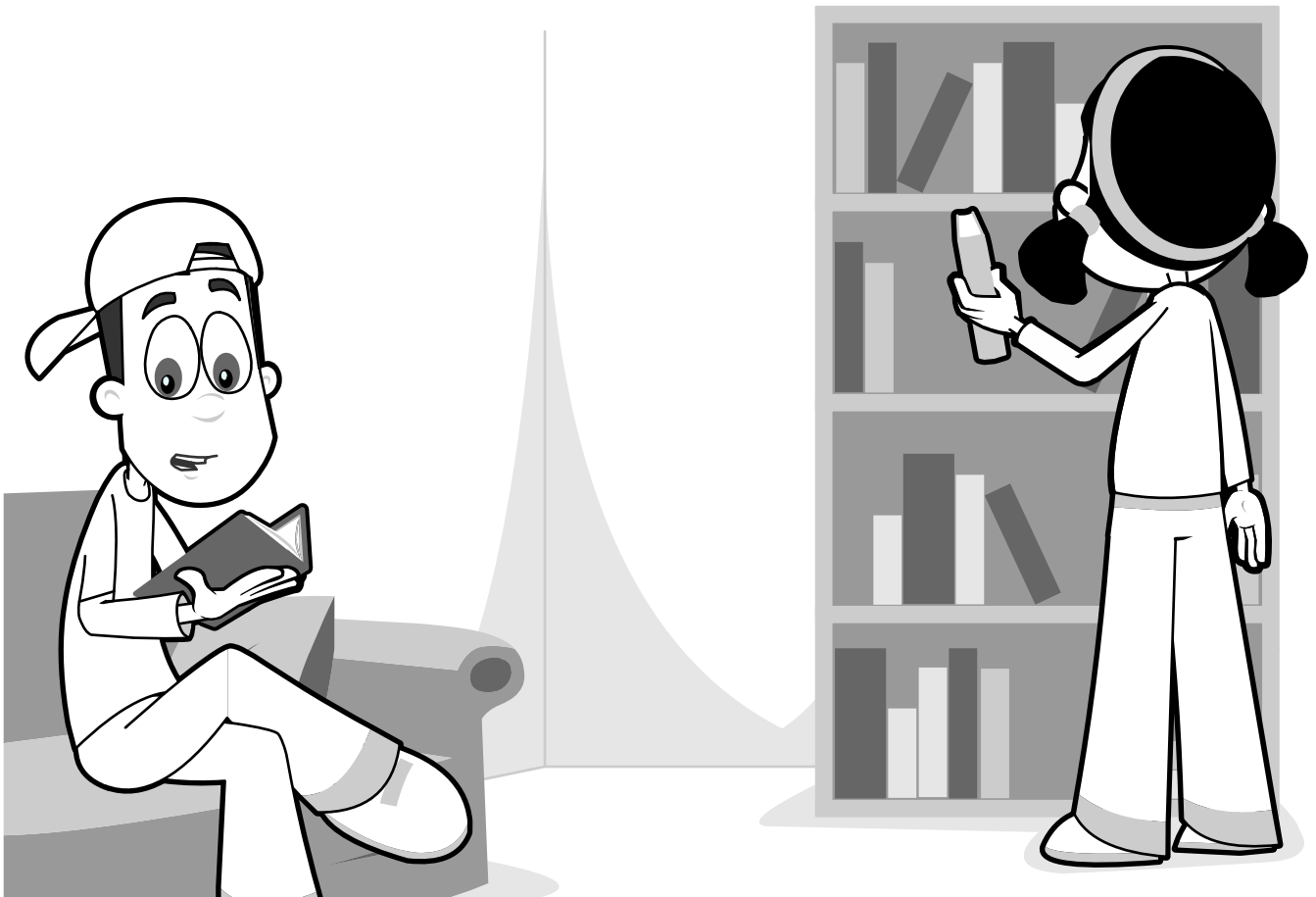**3** What is the difference between a topic and a theme?

_____

_____

_____

Name: _____   Class: _____

Answer the questions in your own words.

1 What elements can you compare and contrast in a story?
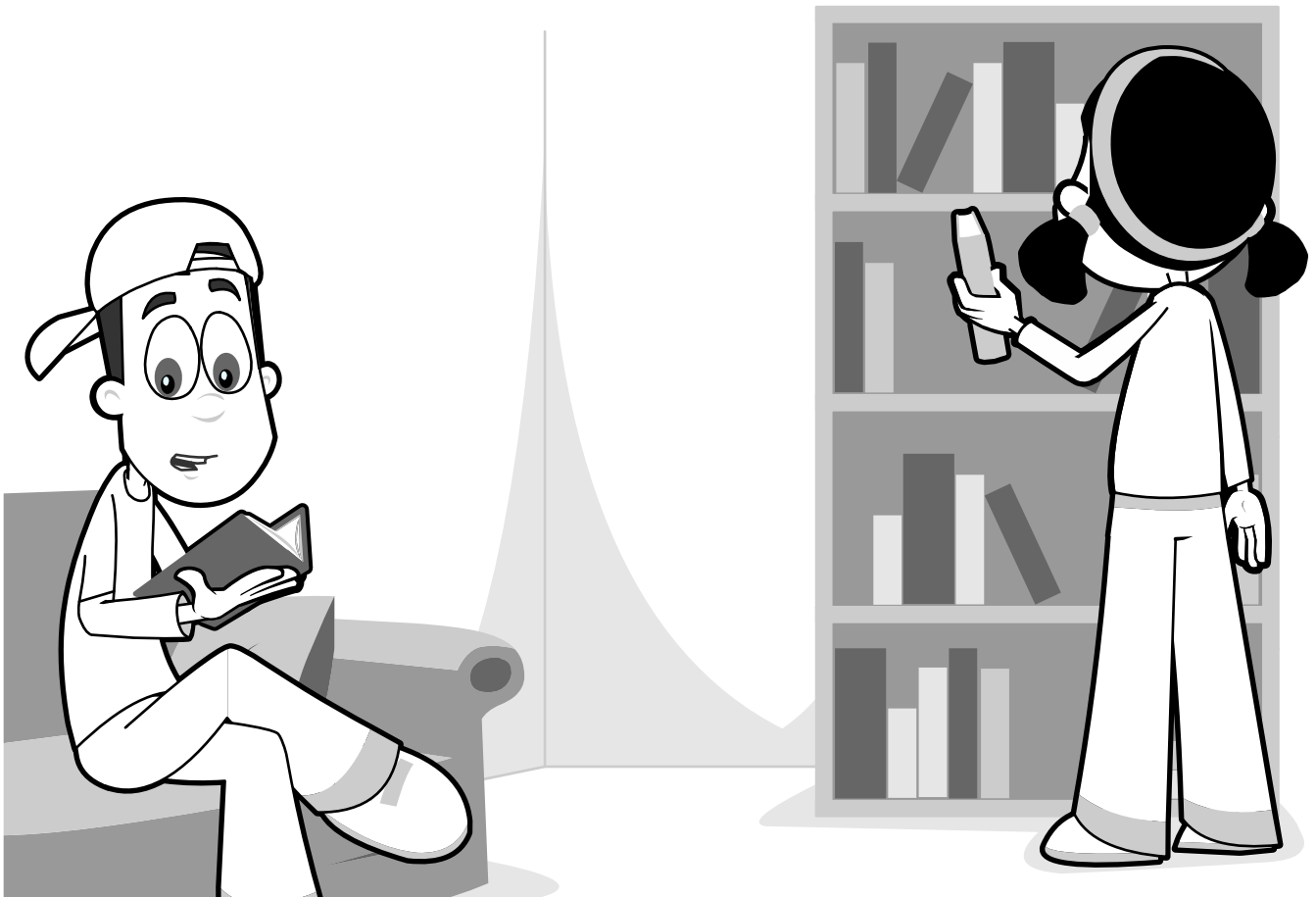
themes, topics, patterns of events

Suggested answers

2 How are comparing and contrasting different?

Comparing is looking at how two things are the same while contrasting is looking at how they are different.

3 What is the difference between a topic and a theme?

The topic is the subject of the story. A theme is the main idea of the story, or its message about life.

Space Venture

Activity Sheet

Name: _____ Class: _____

Read the Greek or Latin root.
Choose its correct meaning.

1 migr
- change or move
- make or do
- mind or soul

2 bio
- life
- hear
- write

3 ortho
- within
- straight
- heart

4 jud
- circle
- law
- bend

5 loc
- born
- hand
- place

6 aqua
- measure
- water
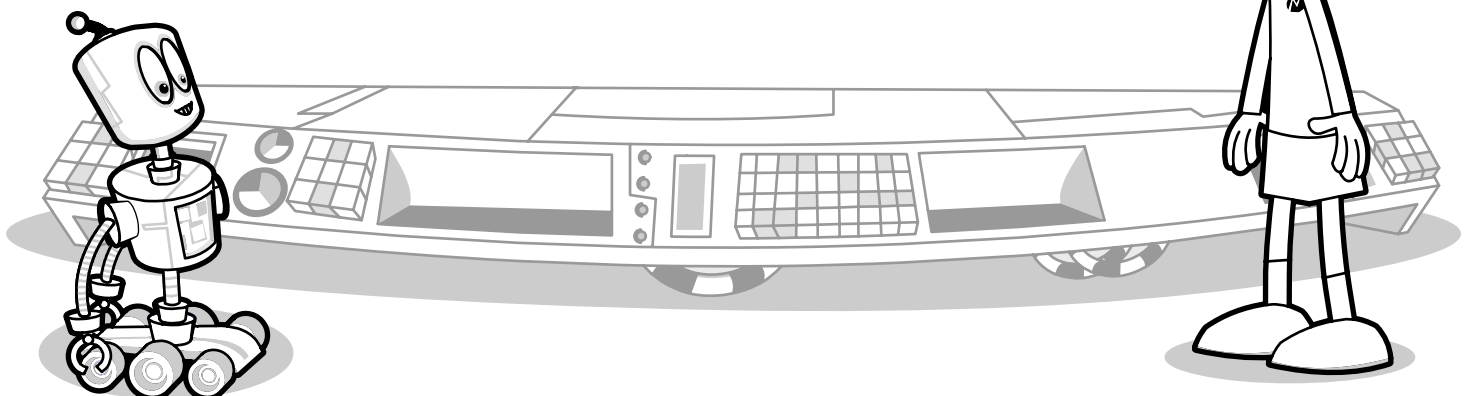- birth

7 geo
- earth
- sound
- join

8 ques
- row or rank
- ray or spoke
- ask or seek

Space Venture - Answer Key
Activity Sheet

Name: _____ Class: _____

> Read the Greek or Latin root.
> Choose its correct meaning.

1 migr
- change or move ⬭
- make or do
- mind or soul

2 bio
- life ⬭
- hear
- write

3 ortho
- within
- straight ⬭
- heart

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- circle
- law ⬭
- bend

5 loc
- born
- hand
- place ⬭

6 aqua
- measure
- water ⬭
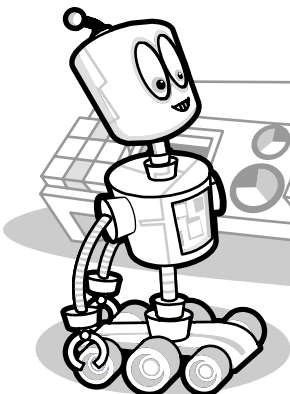- birth

7 geo
- earth ⬭
- sound
- join

8 ques
- row or rank
- ray or spoke
- ask or seek ⬭

What's the Point?
Activity Sheet

Name: _____ Class: _____

Answer the following questions in your own words.

1 What is the difference between first-person and third-person point of view?

_____

_____

_____

2 How can you determine the point of view in a story?

_____

_____

_____

3 How can point of view help you compare and contrast two texts?
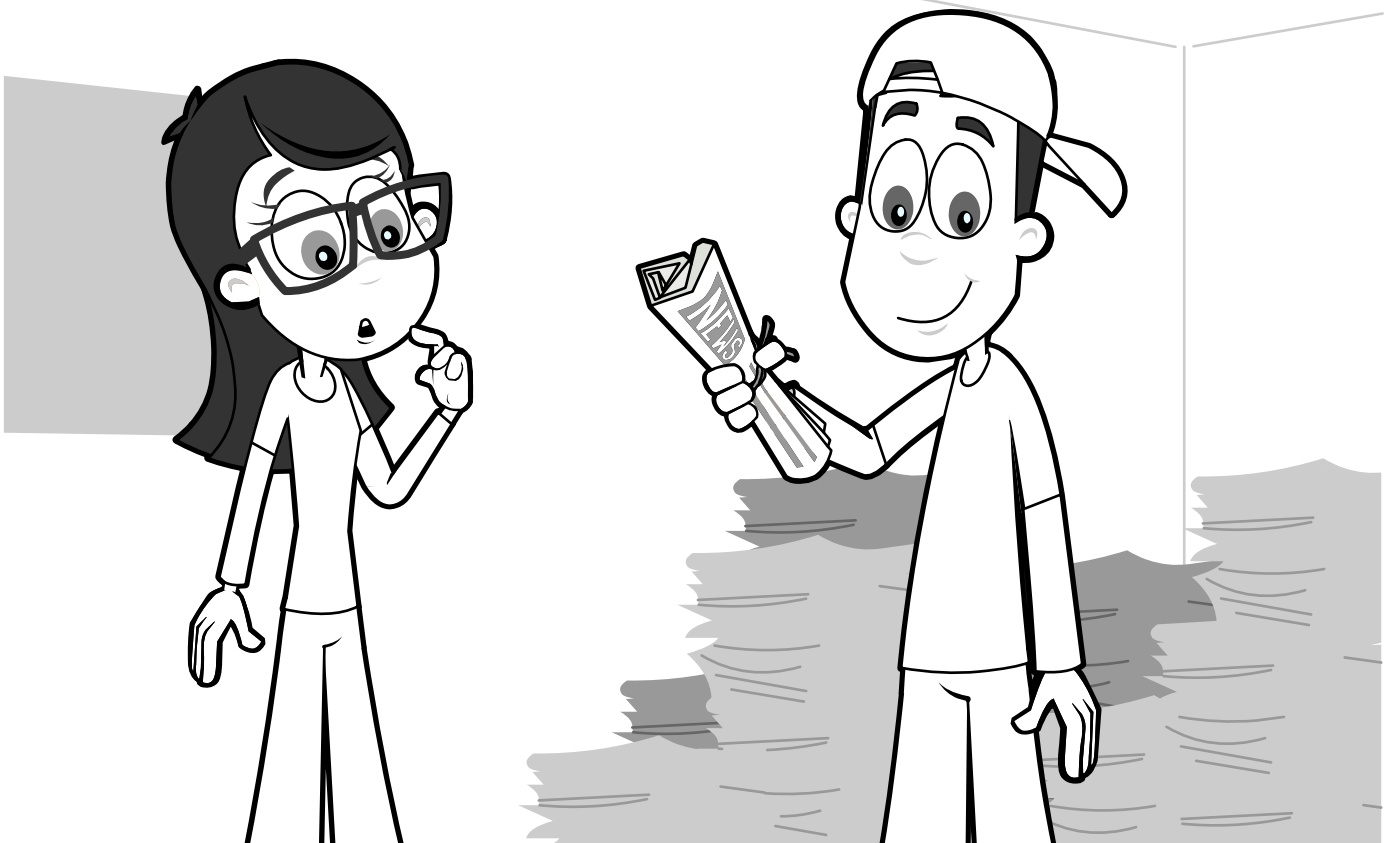
_____

_____

_____

Name: _____   Class: _____

> Answer the following questions in your own words.

1 What is the difference between first-person and third-person point of view?

In first-person point of view the narrator is in the story, while in third-person point of view the narrator is not in the story.

2 How can you determine the point of view in a story?

I can figure out the point of view by determining who the narrator is. I can look at the pronouns in the story to help me.

3 How can point of view help you compare and contrast two texts?

I can compare the narration as well as how much information I have about different characters' thoughts and feelings.