

SLPS Continuous Learning

Grade 8 Math

Grade 8 Math Learning Plan		
Date	Topic	Instructional Video and Activity
Apr 6, 2020	Solving Simple Equations	Watch the following videos https://youtu.be/XD-FDGdWnR8 https://youtu.be/XoEnlLfVoTo https://youtu.be/9Ek6lwILxSc Students solve questions and answer the puzzle <ul style="list-style-type: none"> Grade 8 Math Puzzle 1
Apr 7, 2020	Solving Multi-Step Equations	Watch the following videos https://youtu.be/YZBStgZGyDY https://youtu.be/YZBStgZGyDY Students solve questions and answer the puzzle <ul style="list-style-type: none"> Grade 8 Math Puzzle 2
Apr 8, 2020	Solving Equations with Variable on Both Side	Watch the following videos https://youtu.be/lc5HY3z4k8M https://youtu.be/PL9UYj2awDc Students solve questions and answer the puzzle <ul style="list-style-type: none"> Grade 8 Math Puzzle 3
Apr 9, 2020	Rewriting Equations and Formulas	Watch the following video https://youtu.be/BR5yFOt0zao Students solve questions and answer the puzzle <ul style="list-style-type: none"> Grade 8 Math Puzzle 4
Apr 10, 2020	Congruent Figures	Watch the following video https://youtu.be/KZMRhWdzEPo Students solve questions and answer the puzzle <ul style="list-style-type: none"> Grade 8 Math Puzzle 5
Apr 13, 2020	Translations	Watch the following video https://youtu.be/BrYEuO7fwMw Students solve questions and answer the puzzle <ul style="list-style-type: none"> Grade 8 Math Puzzle 6
Apr 14, 2020	Reflections	Watch the following video https://youtu.be/lfBDOQddTD0 Students solve questions and answer the puzzle <ul style="list-style-type: none"> Grade 8 Math Puzzle 7
Apr 15, 2020	Rotations	Watch the following video https://youtu.be/6pH-7pciYU8 Students solve questions and answer the puzzle <ul style="list-style-type: none"> Grade 8 Math Puzzle 8
Apr 16, 2020	Similar Figures	Watch the following video https://youtu.be/6pllweGactg Students solve questions and answer the puzzle <ul style="list-style-type: none"> Grade 8 Math Puzzle 9

Apr 17, 2020	Perimeter and Area of Similar Figures	Watch the following video https://youtu.be/6pllweGactg Students solve questions and answer the puzzle <ul style="list-style-type: none"> • Grade 8 Math Puzzle 10
Apr 20, 2020	Dilations	Watch the following videos https://youtu.be/b4ORXN7a0-w https://youtu.be/6dyWKD_JPhI Students solve questions and answer the puzzle <ul style="list-style-type: none"> • Grade 8 Math Puzzle 11
Apr 21, 2020	Parallel Lines and Transversals	Watch the following videos https://youtu.be/H-E5rlpCVu4 https://youtu.be/2WjGD3LZEWo Students solve questions and answer the puzzle <ul style="list-style-type: none"> • Grade 8 Math Puzzle 12
Apr 22, 2020	Angles of Triangles	Watch the following videos https://youtu.be/6slCI3uuhko https://youtu.be/eTwnt4G5xE4 Students can practice questions and solve the puzzle <ul style="list-style-type: none"> • Grade 8 Math Puzzle 13
Apr 23, 2020	Angles of Polygons	Watch the following videos https://youtu.be/qG3HnRccrQU Students can practice questions and solve the puzzle <ul style="list-style-type: none"> • Grade 8 Math Puzzle 14
Apr 24, 2020	Using Similar Triangles	Watch the following videos https://www.youtube.com/watch?v=6IVyQy9F3kU Students can practice questions and solve the puzzle <ul style="list-style-type: none"> • Grade 8 Math Puzzle 15

Students are encouraged to maintain contact with their home school and classroom teacher(s). If you have not already done so, please visit your child's school website to access individual teacher web pages for specific learning/assignment information. If you cannot reach your teacher and have elected to use these resources, please be mindful that some learning activities may require students to reply online, while others may require students to respond using paper and pencil. In the event online access is not available, please record responses on paper. Completed work should be dropped off at your child's school. Please contact your child's school for the dates and times to drop off your child's work.

If you need additional resources to support virtual learning, please visit: <https://www.slps.org/extendedresources>



Puzzle Time

Did You Hear About...

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P		

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

5 WHO
7.2 HOW
-9 MAN
-13 SOUP
$-\frac{4}{3}$ IT
-14 HE
$\frac{3}{4}$ ARE
$\frac{7}{8}$ IN
42 SOMETHING
4.5 WASH

Solve the equation.

A. $x + 9 = -12$

B. $-8 + k = -17$

C. $-0.3 + r = 4.7$

D. $f + 3\pi = 12\pi$

E. $d - 6\pi = -\pi$

F. $\frac{1}{8} = s - \frac{3}{4}$

G. $m - \frac{1}{4} = -\frac{1}{3}$

H. $-0.8b = 10.4$

I. $46.2 = 4.2p$

J. $-7\pi h = 98\pi$

K. $12.5 = \frac{t}{\pi}$

L. $3.9r = 17.55$

M. $\frac{3}{8}q = -\frac{1}{2}$

N. $-\frac{5}{6} = \frac{2}{3}w$

O. Your dog weighs 28.5 pounds more than your cat. Your dog weighs 37.8 pounds. What is your cat's weight?

P. Nathaniel's sister has $\frac{5}{6}$ as many songs on her MP3

player as he has on his MP3 player. His sister has 35 songs. How many songs does Nathaniel have?

9.3 WITH
5π SOAP
12.5π COULD
8π WAS
$-\frac{1}{12}$ HIS
9π PUT
$-\frac{5}{4}$ DOWN
11 SO
-21 THE
$-\frac{3}{5}$ THAT



Puzzle Time

Where Was The Declaration Of Independence Signed?

Circle the letter of each correct answer in the boxes below. The circled letters will spell out the answer to the riddle.

Solve the equation.

1. $8 - 3x = 17$
2. $5a - 6 - 2a = 12$
3. $4.3t - 2.1t - 2.3 = 7.6$
4. $8.1 + 3.8h - 5.6h = -7.2$
5. $\frac{2}{5}c + 4 - \frac{1}{5}c = -9$
6. $2(4s - 16) - 5s = -5$
7. $3g - 6(g - 8) = 42$
8. $1.3(8 - b) + 3.7b = -5.2$
9. For the past three months, Grace used her cell phone for 43 minutes, 62 minutes, and 57 minutes. How many minutes would she have to use her cell phone this month for the average usage over the four months to be 55 minutes?
10. A triangle has one angle measuring $3x$ degrees. A second angle measures $2x + 20$ degrees and the third angle measures $4x - 20$ degrees. What is the value of x ?
11. You and a friend buy two fruit smoothies and leave a tip. You split the total and your half comes to \$3.60. What percent tip (in decimal form) did you and your friend leave if the fruit smoothies cost \$3 each?

A	M	T	E	S	R	T	I	H	P	E	D	G	B	Y
2	60	6	8.2	0.10	5	9	0.18	8.5	55	-3	10.5	-2	0.15	-62
F	B	I	R	O	H	T	C	U	T	N	O	L	M	S
9.5	0.20	3	10	-65	15	58	90	8	20	-55	4.5	68	-6.5	12.5



Puzzle Time

What Happens When A Frog Double-Parks On A Lily Pad?

Write the letter of each answer in the box containing the exercise number.

Solve the equation.

1. $x + 36 = 4x$

2. $6a + 12 = 2(3a - 8)$

3. $\frac{3}{2}p - 14 = p + 13$

4. $7 - 4.9t = 15 + 7.6t$

5. $\frac{1}{3}(12f - 3) = 4f - 1$

6. $\frac{1}{3}(b + 6) = \frac{1}{4}b + 8$

7. $\frac{3}{5}(2m - 10) = \frac{2}{3}m + 10$

8. $8.2(s + 4) = 6.7s + 5.2$

9. On Monday, you run on a treadmill for $\frac{1}{2}$ hour at x miles per hour. On Tuesday, you walk the same distance on the treadmill, at 2 miles per hour slower, and it takes you $\frac{3}{4}$ hour. How many miles did you run on the treadmill on Monday?

10. Jess spent $7x$ minutes on the computer. Her sister spent $5x + 10$ minutes on the computer, which was the same amount of time Jess spent. How many minutes was Jess on the computer?
11. A rectangle is 6 units wide and $x - 8$ units long. It has the same area as a triangle with a height of 7 units and a base of $x - 3$ units. What is the area of the rectangle?

Answers

Y. 72

A. -18.4

T. 42

O. no solution

A. 35

S. 54

A. 12

D. -0.64

W. 3

I. infinitely many solutions

T. 30

5	7		3		11	2	10	4		8	9	1	6
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Puzzle Time

What Can't Walk, But Can Run?

Write the letter of each answer in the box containing the exercise number.

Solve the equation for y .

1. $16 - 12x = 4y$

A. $y = -3x + 4$

B. $y = 3x + 4$

C. $y = 3x - 4$

2. $2x + \frac{6}{5} = 2y$

D. $y = 2x + \frac{6}{5}$

E. $y = x + \frac{3}{5}$

F. $y = 2x + \frac{3}{5}$

3. $7 = 14x - 42y$

G. $y = -\frac{2}{3}x - \frac{1}{6}$

H. $y = \frac{1}{3}x + \frac{1}{6}$

I. $y = \frac{1}{3}x - \frac{1}{6}$

4. $8.1x - 4.5y = 5.4$

R. $y = 1.8x - 1.2$

S. $y = -1.8x + 1.2$

T. $y = 1.8x + 1.2$

5. The formula for Body Mass Index is $BMI = \frac{w}{h^2} \times 703$, where w is a person's weight (in pounds) and h is a person's height (in inches). Find the weight of a 13-year-old boy that is 60 inches tall and has a BMI of 20.5.

Q. 98 pounds

R. 105 pounds

S. 112 pounds

6. The formula $d = rt$ relates distance d to rate r and time t . Find how long it takes an airplane to fly 375 miles at 500 miles per hour.

T. 35 minutes

U. 40 minutes

V. 45 minutes

1		5	3	6	2	4
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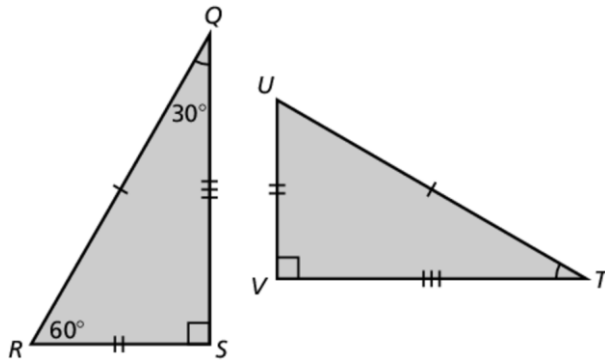
2.1 Puzzle Time

What Is A Lion's Favorite Food?

Circle the letter of each correct answer in the boxes below. The circled letters will spell out the answer to the riddle.

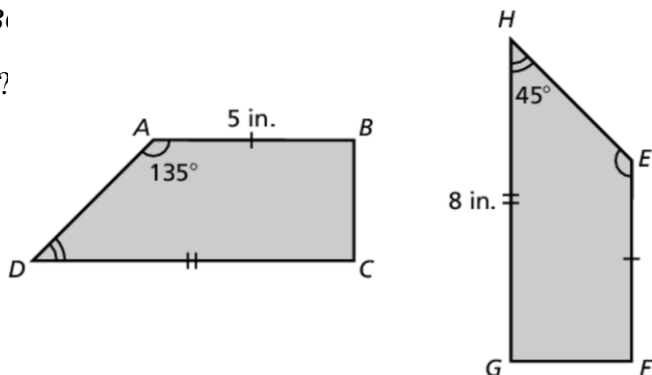
In Exercises 1–5, use the figure.

- What side of TUV corresponds to side QS ?
- What side of QRS corresponds to side UV ?
- What angle of TUV corresponds to $\angle R$?
- What angle of QRS corresponds to $\angle V$?
- What is the measure of $\angle U$?



In Exercises 6–11, use the figure.

- What side of $EFGH$ corresponds to side BC ?
- What angle of $EFGH$ corresponds to $\angle C$?
- What is the length of side CD ?
- What is the length of side EF ?
- What is the measure of $\angle D$?
- What is the measure of $\angle E$?



B	R	A	L	O	K	T	E	S	M	D	R
60°	13 in.	side TV	$\angle T$	side BC	135°	$\angle Q$	$\angle U$	side GH	30°	side FG	180°
O	B	T	E	W	C	I	H	N	G	P	S
side QR	$\angle S$	$\angle E$	8 in.	90°	side EF	45°	$\angle H$	side RS	5 in.	side UV	$\angle G$



Puzzle Time

What Is There More Of The Less You See?

Write the letter of each answer in the box containing the exercise number.

Translate the point as indicated to find its image.

1. $(1, 2)$

2 units right and 4 units up

2. $(-1, -1)$

3 units right and 3 units down

3. $(-4, 5)$

4 units left and 1 unit up

4. $(4, -6)$

8 units left and 7 units up

5. $(-2, -3)$

6 units left and 5 units down

6. $(14, 23)$

20 units left and 15 units down

7. $(-6, -19)$

12 units right and 17 units up

8. $(-13, 9)$

18 units right and 8 units down

Answers

K. $(6, -2)$

S. $(3, 6)$

D. $(5, 1)$

E. $(-4, 1)$

N. $(-8, -8)$

R. $(2, -4)$

A. $(-8, 6)$

S. $(-6, 8)$

8	3	2	7	5	4	1	6
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Puzzle Time

What Kind Of Coat Can You Put On Only When It's Wet?

Write the letter of each answer in the box containing the exercise number.

Reflect the point in the x -axis. Identify the coordinates of the image.

1. $(2, 5)$

2. $(-3, 7)$

R. $(-2, -5)$ S. $(-2, 5)$ T. $(2, -5)$ A. $(-3, -7)$ B. $(3, 7)$ C. $(3, -7)$

3. $(-4, -12)$

4. $(13, -8)$

D. $(4, -12)$ E. $(4, 12)$ F. $(-4, 12)$ M. $(-13, 8)$ N. $(13, 8)$ O. $(-13, -8)$

Reflect the point in the y -axis. Identify the coordinates of the image.

5. $(7, -6)$

6. $(9, 5)$

O. $(-7, -6)$ P. $(-7, 6)$ Q. $(7, 6)$ H. $(9, -5)$ I. $(-9, 5)$ J. $(-9, -5)$

7. $(-15, -12)$

8. $(-23, 8)$

A. $(15, -12)$ B. $(15, 12)$ C. $(-15, 12)$ M. $(23, -8)$ N. $(-23, -8)$ O. $(23, 8)$

The coordinates of a point and its image are given. Is the reflection in the x -axis, y -axis, or neither?

9. $(11, 7) \rightarrow (11, -7)$

10. $(-4, -5) \rightarrow (4, -5)$

A. x -axis B. y -axis C. neither B. x -axis C. y -axis D. neither

11. $(-8, 8) \rightarrow (8, -8)$

12. $(53, -26) \rightarrow (-53, -26)$

R. x -axis S. y -axis T. neither O. x -axis P. y -axis Q. neither

2		10	5	7	1		8	3		12	9	6	4	11
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Puzzle Time

What Jam Can't You Eat?

Write the letter of each answer in the box containing the exercise number.

The vertices of a triangle are $A(2, 3)$, $B(7, 4)$, and $C(6, 1)$. Rotate the triangle as described. Find the coordinates of the image.

1. 90° clockwise about the origin
2. 180° about the origin
3. 90° counterclockwise about the origin
4. 180° about vertex A

The vertices of a triangle are $D(3, 4)$, $E(3, 1)$, and $F(1, 1)$. Rotate the triangle as described. Find the coordinates of the image.

5. 180° about the origin
6. 90° clockwise about vertex D
7. 90° clockwise about vertex E
8. 90° clockwise about vertex F

The vertices of a parallelogram are $W(-6, 3)$, $X(-4, 4)$, $Y(-2, 2)$, and $Z(-4, 1)$. Rotate the parallelogram as described. Find the coordinates of the image.

9. 90° clockwise about the origin
10. 90° counterclockwise about the origin
11. 180° about the origin

10		4	11	7	1	5	9	2		8	3	6
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Answers for Exercises 1–4

- A. $A'(-3, 2)$, $B'(-4, 7)$, $C'(-1, 6)$
- F. $A'(3, -2)$, $B'(4, -7)$, $C'(1, -6)$
- C. $A'(-2, -3)$, $B'(-7, -4)$,
 $C'(-6, -1)$
- T. $A'(2, 3)$, $B'(-3, 2)$, $C'(-2, 5)$

Answers for Exercises 5–8

- F. $D'(-3, -4)$, $E'(-3, -1)$,
 $F'(-1, -1)$
- J. $D'(4, -1)$, $E'(1, -1)$, $F'(1, 1)$
- M. $D'(3, 4)$, $E'(0, 4)$, $F'(0, 6)$
- A. $D'(6, 1)$, $E'(3, 1)$, $F'(3, 3)$

Answers for Exercises 9–11

- R. $W'(6, -3)$, $X'(4, -4)$,
 $Y'(2, -2)$, $Z'(4, -1)$
- A. $W'(-3, -6)$, $X'(-4, -4)$,
 $Y'(-2, -2)$, $Z'(-1, -4)$
- I. $W'(3, 6)$, $X'(4, 4)$, $Y'(2, 2)$,
 $Z'(1, 4)$

2.5 Puzzle Time

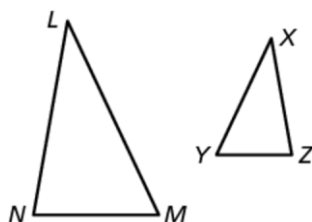
Did You Hear About...

A	B	C	D	E	F
G	H	I	J	K	

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

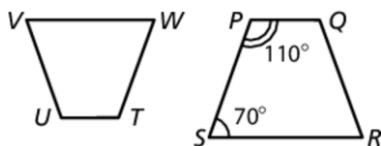
side LM ALWAYS
side YZ FALLING
side PR CAR
90° UNDER
$\angle X$ THE
$\angle L$ FLAT
$\angle M$ WHEELS
60° FOR
side XY KEPT
side PQ HOW
side VW TWO
70° IT

In Exercises A–F, use the two similar triangles.



- What is $\angle L$'s corresponding angle?
- What is $\angle M$'s corresponding angle?
- What is $\angle N$'s corresponding angle?
- What is side LM 's corresponding side?
- What is side MN 's corresponding side?
- What is side LN 's corresponding side?

In Exercises G–K, use the two similar trapezoids.



- What is the measure of $\angle T$?
- What is the measure of $\angle W$?
- What is side PQ 's corresponding side?
- What is side RS 's corresponding side?
- What is side QR 's corresponding side?

80° EVER
$\angle Y$ BICYCLE
side MN PEDALS
$\angle Z$ THAT
side PS THEY'RE
110° BECAUSE
side UV TIRED
side LN SO
$\angle N$ WERE
180° WHO
side XZ OVER
side TU WAS



Puzzle Time

Where Do Stinging Insects Go When They're Sick?

Write the letter of each answer in the box containing the exercise number.

In Exercises 1–7, use the following information.

An Olympic size swimming pool is 25 meters wide and 50 meters long. A similar pool that is smaller is 12 meters wide.

1. What is the ratio of the perimeters of the pools?
2. What is the ratio of the areas of the pools?
3. What is the perimeter of the Olympic size pool?
4. What is the perimeter of the smaller pool?
5. What is the area of the Olympic size pool?
6. What is the area of the smaller pool?
7. What is the length of the smaller pool?

Answers

- | | |
|--|---------------------|
| H. 24 m | O. 625 : 144 |
| W. $10\frac{2}{3}$ in. ² | T. 3 : 4 |
| T. 9 in. | S. 9 : 16 |
| T. 1250 m ² | I. 150 m |
| A. 288 m ² | L. 72 m |
| E. 2 in. | P. 12 in. |
| A. 25 : 12 | |

In Exercises 8–13, use the following information.

A hexagon on a small soccer ball has a side length of $1\frac{1}{2}$ inches. The ratio of the side length of the hexagon to the side lengths of a hexagon from a larger soccer ball is 3 : 4.

8. What is the ratio of the perimeters of the hexagons?
9. What is the ratio of the areas of the hexagons?
10. What is the perimeter of the smaller hexagon?
11. What is the perimeter of the larger hexagon?
12. What is the side length of the larger hexagon?
13. The area of the smaller hexagon is about 6 square inches. What is the area of the larger hexagon?

5	2		8	7	12		13	6	9	11	3	10	1	4
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Puzzle Time

What Do You Call A Surgeon With Eight Arms?

Write the letter of each answer in the box containing the exercise number.

The vertices of a triangle are $A(2, 2)$, $B(2, 5)$, and $C(4, 2)$. Find the coordinates of the image after a dilation with the given scale factor.

1. $k = 2$ 2. $k = 5$ 3. $k = 1\frac{1}{2}$

The vertices of a triangle are $A(-5, 5)$, $B(-2, -5)$, and $C(-2, 0)$. Find the coordinates of the image after a dilation with the given scale factor.

4. $k = \frac{1}{2}$ 5. $k = 0.75$ 6. $k = \frac{1}{5}$

The vertices of a triangle are $A(1, 3)$, $B(7, 3)$, and $C(7, 5)$. The vertices of its image after a dilation are given. Find the scale factor.

7. $A'(4, 12)$, $B'(28, 12)$, $C'(28, 20)$
 8. $A'\left(\frac{1}{6}, \frac{1}{2}\right)$, $B'\left(1\frac{1}{6}, \frac{1}{2}\right)$, $C'\left(1\frac{1}{6}, \frac{5}{6}\right)$
 9. $A'(0.5, 1.5)$, $B'(3.5, 1.5)$, $C'(3.5, 2.5)$

9		3	6	1		5	7	8	2	4
					-					

Answers

- B. $k = \frac{1}{4}$
 D. $A'(3, 3)$, $B'\left(3, 7\frac{1}{2}\right)$, $C'(6, 3)$
 T. $A'(-3.75, 3.75)$, $B'(-1.5, -3.75)$, $C'(-1.5, 0)$
 E. $k = 2$
 C. $A'(4, 4)$, $B'(4, 10)$, $C'(8, 4)$
 O. $k = 4$
 A. $k = 0.5$
 S. $A'\left(-2\frac{1}{2}, 2\frac{1}{2}\right)$, $B'\left(-1, -2\frac{1}{2}\right)$, $C'(-1, 0)$
 F. $k = \frac{1}{7}$
 P. $k = \frac{1}{6}$
 U. $A'(10, 10)$, $B'(10, 25)$, $C'(20, 10)$
 J. $k = 6$
 O. $A'(-1, 1)$, $B'\left(-\frac{2}{5}, -1\right)$, $C'\left(-\frac{2}{5}, 0\right)$
 T. $k = 7$

3.1

Puzzle Time

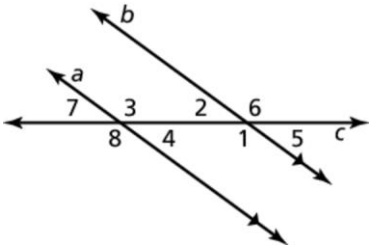
Why Did The Rabbit Wear A Shower Cap?

A	B	C	D	E	F
G	H				

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

147 HARE
44 WANT
129 ITS
c IT

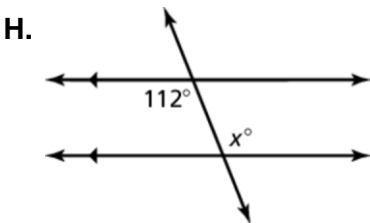
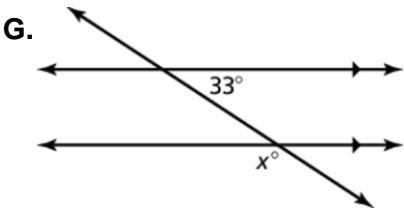
Use the figure to answer the questions.



a, b DIDN'T
51 GET
112 WET
136 TO

- A. Identify the transversal.
- B. Identify the parallel lines.
- C. If the measure of $\angle 1 = 136^\circ$, then the measure of $\angle 2 = \rule{1cm}{0.4pt}^\circ$.
- D. If the measure of $\angle 4 = 44^\circ$, then the measure of $\angle 8 = \rule{1cm}{0.4pt}^\circ$.
- E. If the measure of $\angle 8 = 129^\circ$, then the measure of $\angle 4 = \rule{1cm}{0.4pt}^\circ$.
- F. If the measure of $\angle 3 = 129^\circ$, then the measure of $\angle 1 = \rule{1cm}{0.4pt}^\circ$.

Find the value of x .



3.2

Puzzle Time


Did You Hear The Story About The Piece Of Butter?

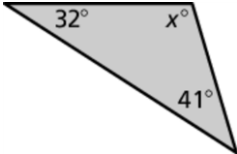
A	B	C	D	E	F
G	H	I			

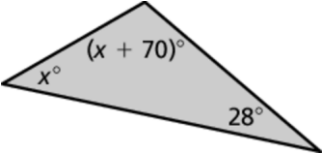
Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

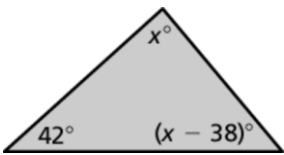
88° DON'T
144° TOAST
122° TO
53° NEVER
90° JELLY
45° IT

Find the value of x.

A.

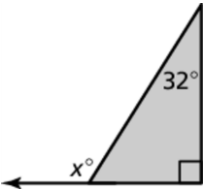
B.


C.

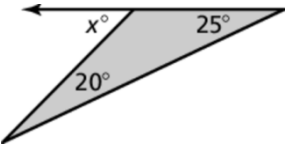
D.

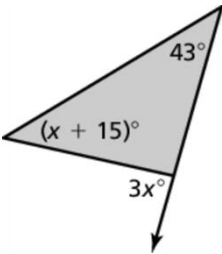
E. A triangle contains angles measuring 25° and 75°. What is the measure of the third angle?

Find the measure of the exterior angle.

F.

G.

H.

I.

107° MIND
124° SPREAD
60° WHEAT
87° AROUND
41° I
80° WANT

3.3

Puzzle Time

Why Did Old Mother Hubbard Scream When She Went To Fetch Her Poor Dog A Bone?

A	B	C	D	E	F
G	H				

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

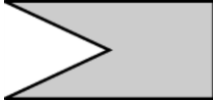
720°
GOT

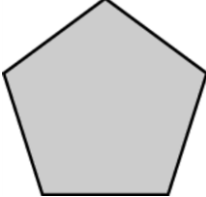
135°
WAS

124
THE

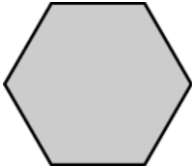
convex
SHE

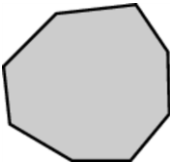
Tell whether the polygon is *convex* or *concave*.

A.

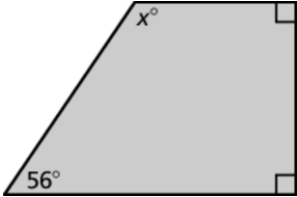
B.


Find the sum of the interior angle measures of the polygon.

C.

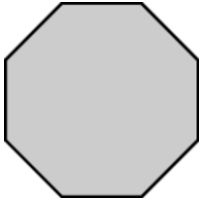
D.

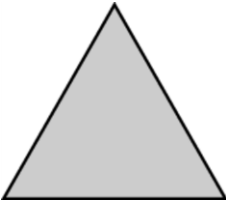
Find the value of x .

E.

F.

Find the measure of each interior angle of the regular polygon.

G.

H.

concave
WHEN

15
CUPBOARD

1080°
THERE

60°
BEAR

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Resources by Chapter

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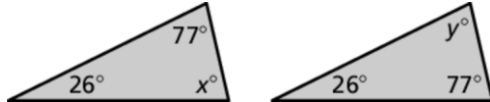
3.4 Puzzle Time

What Do You Call A Dandelion Floating In The Ocean?

Write the letter of each answer in the box containing the exercise number.

Choose the correct letter that describes the triangles.

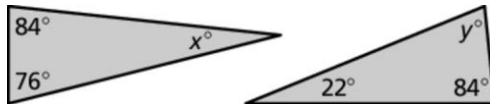
1.



A. similar

B. not similar

2.



C. similar

D. not similar

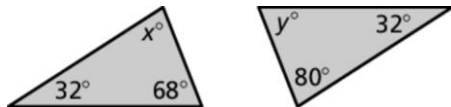
3.



E. similar

F. not similar

4.



G. similar

H. not similar

Answers

R. B

A. D

T. H

E. 58

D. A

M. E

S. G

E. 18

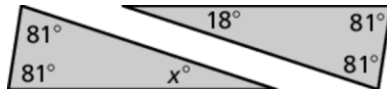
W. 70

N. C

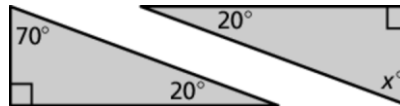
E. F

The triangles are similar. Find the value of x.

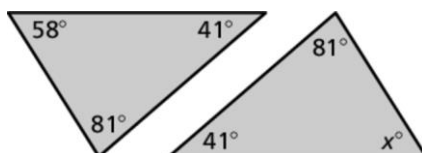
5.



6.



7.



4	7	2		6	5	3	1
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