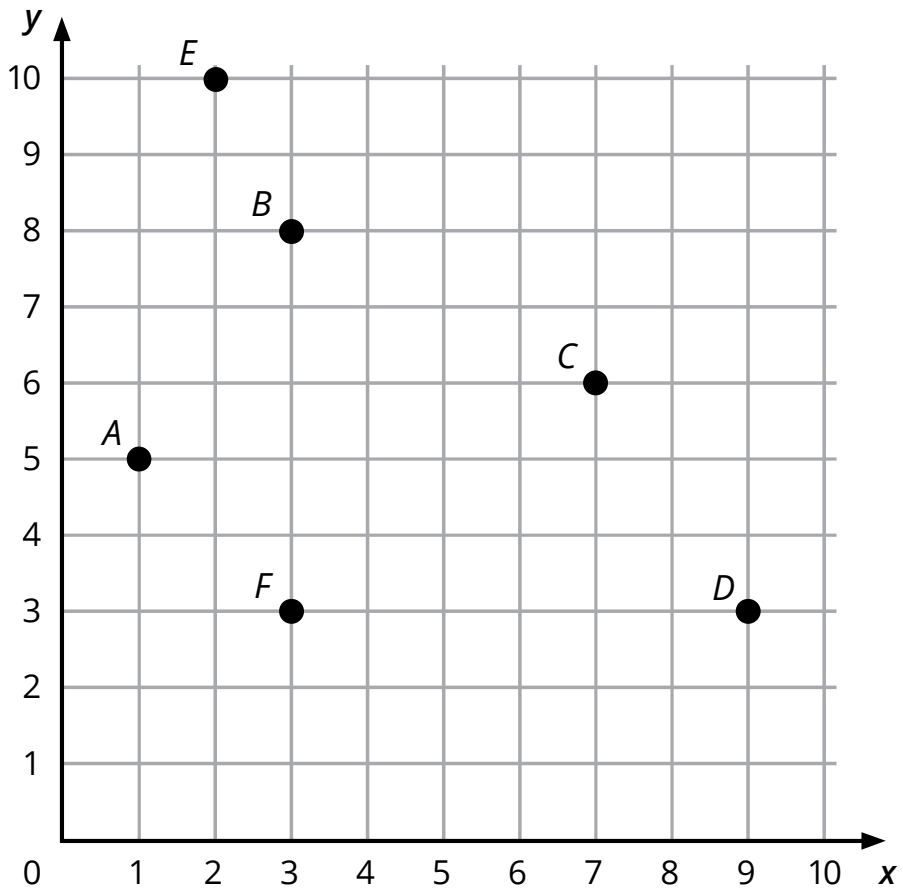
Summer Math Packet

At-home Summer Practice

6th Grade

1 Coordinate plane

Write the ordered pair for each point.



A (_____ , _____) *B* (_____ , _____) *C* (_____ , _____)

D (_____ , _____) *E* (_____ , _____) *F* (_____ , _____)

IXL.com skill ID
NTR

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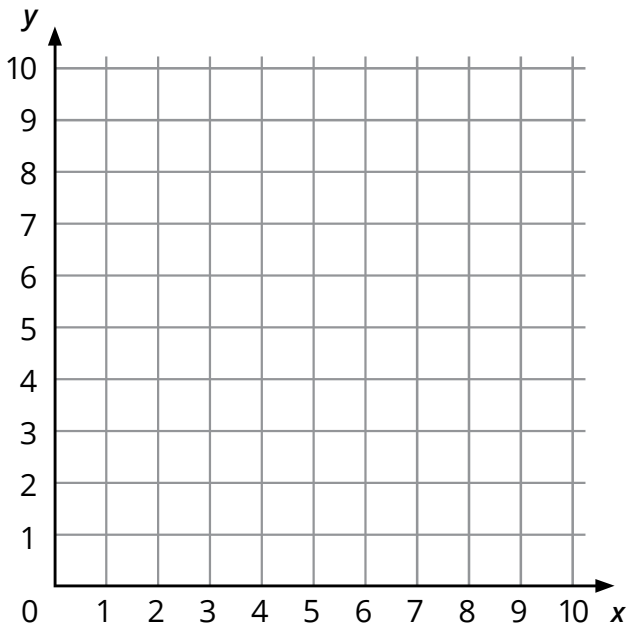
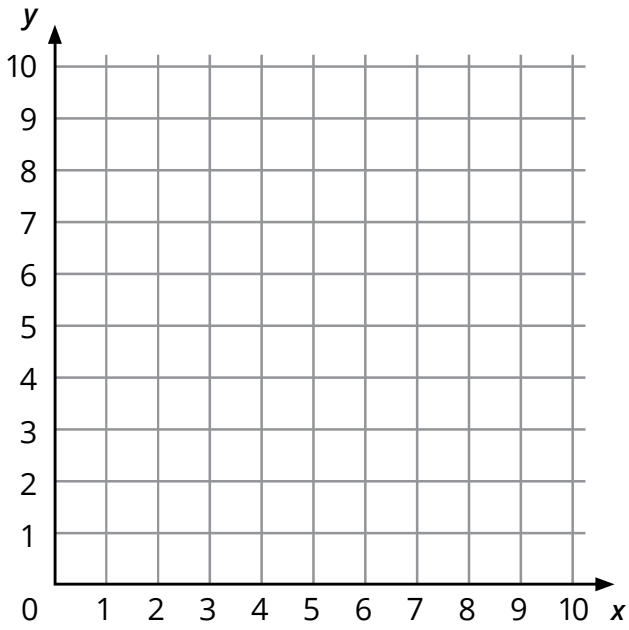
2 Plotting points from a table

Plot the points from each table on the coordinate plane.

x	*y*
5	1
6	7
8	6
9	0



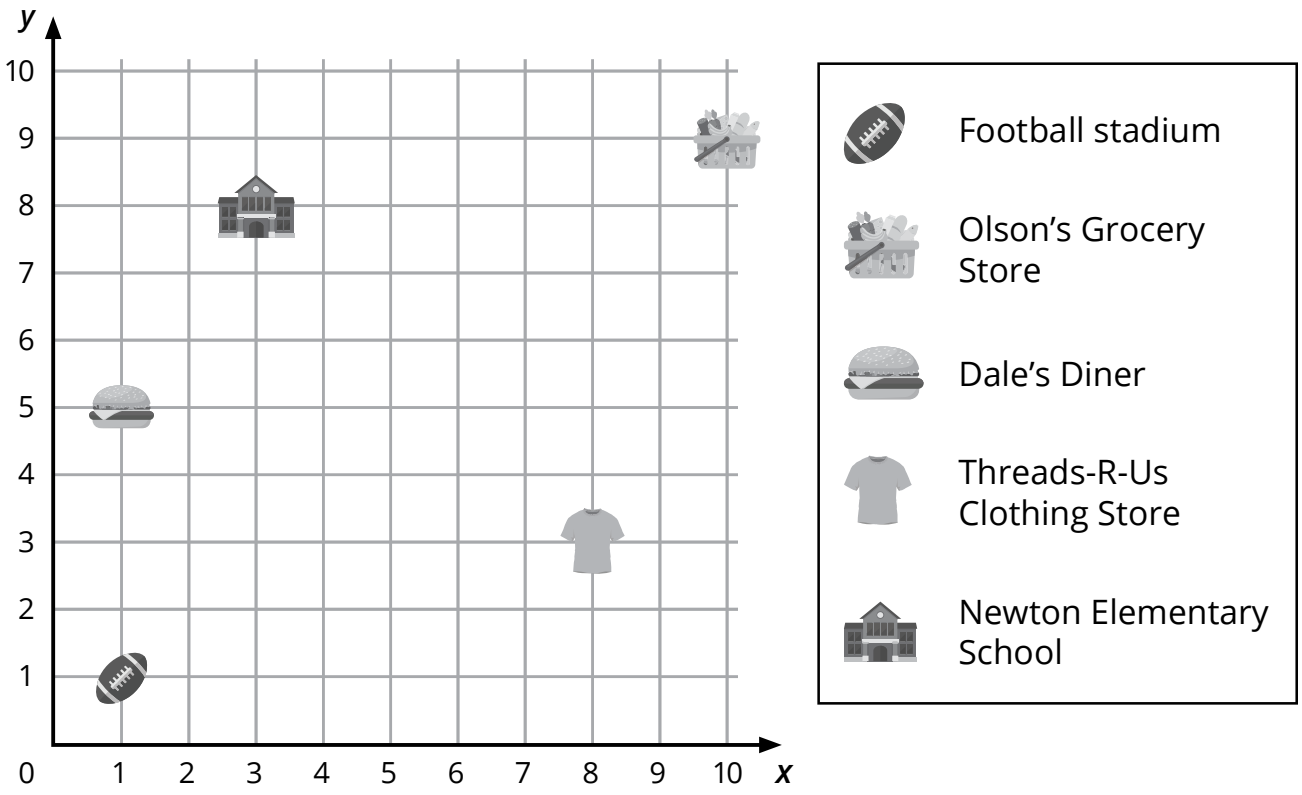
x	*y*
0	4
3	2
5	5
10	1



IXL.com
skill ID
HWV

3 Coordinate plane maps

The coordinate plane below shows a map. Use the map to answer the questions.



What is the location of Olson's Grocery Store? Write the ordered pair. _____

What is located at (8, 3)? _____

What is the distance, in units, between the foodball stadium and Dale's Diner? _____

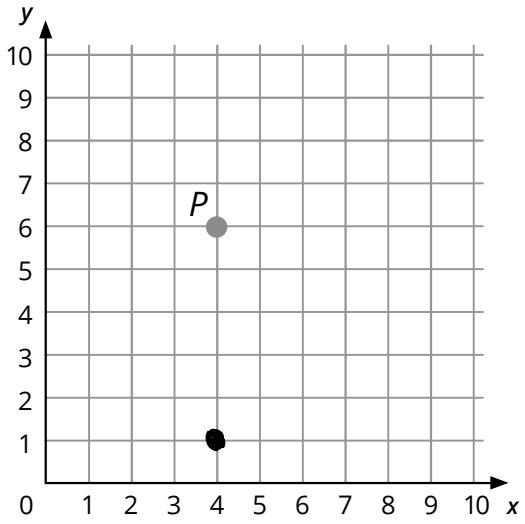
IXL.com skill ID
ZBD

If you go left 1 and up 3 from Threads-R-Us Clothing Store, you will find the city library. Plot and label this point on the coordinate plane.

4 Translations

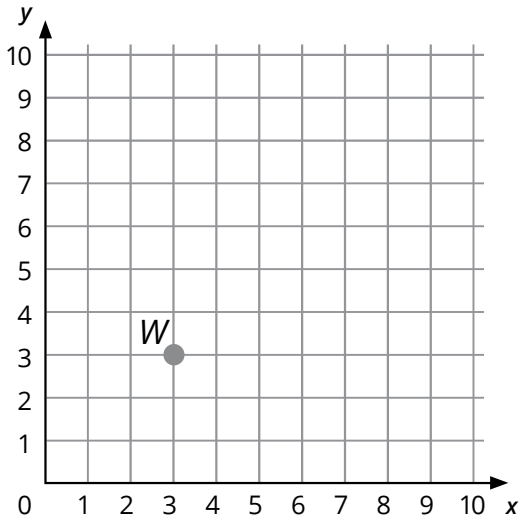
You can move a point up, down, right, or left on a graph. This movement is called a *translation*. Try it yourself! Move each point. Then write the new ordered pair.

Move point *P* down 5 units.



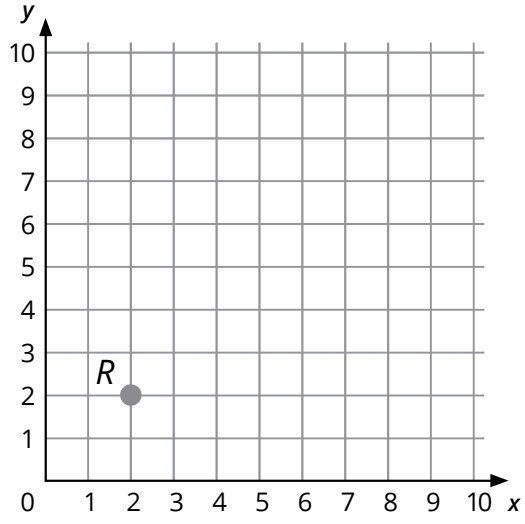
(4 , 1)

Move point *W* right 2 units.



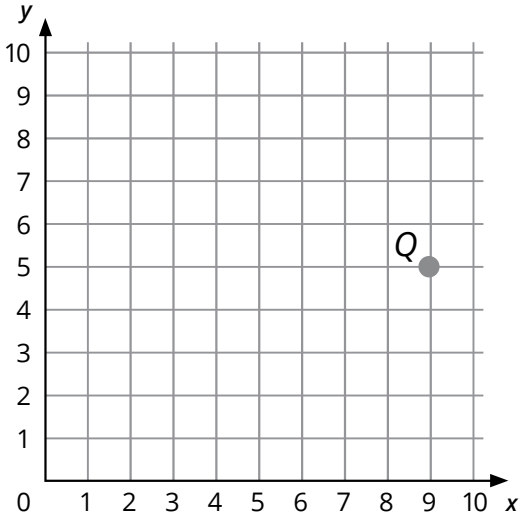
(_____ , _____)

Move point *R* up 7 units and right 5 units.



(_____ , _____)

Move point *Q* left 4 units and down 3 units.



(_____ , _____)

5 Word problems

Answer each question.

Ms. Jensen is throwing a birthday party for her daughter. She buys a roll of wrapping paper that is 15 feet long. How many **yards** of wrapping paper does she have? _____

She buys 3 quarts of fruit punch to serve at the party. How many **cups** of fruit punch is that? _____

She wants to make a photo booth for the party guests. She finds a backdrop that is 96 inches tall. What is the height of the backdrop, in **feet**? _____

For the balloon decorations on the tables, Ms. Jensen buys a box of balloon weights. The box of weights is 192 ounces. How many **pounds** is that? _____

Ms. Jensen also wants to make lemonade for the party guests. She finds a recipe that makes 32 fluid ounces of lemonade. If she triples that recipe, how many **pints** of lemonade will she have? _____

IXL.com
skill ID
MJ9

6 Comparing metric units

Compare the measurements using >, <, or =.

7,200 mg	<	720 g	7.3 cm		73 mm
6,460 mL		6.4 L	30 g		3,000 mg
14,600 mg		1.46 g	2.2 L		2,200 mL
3,320 cm		3.32 m	31.36 cm		313 mm
805 mg		80.5 g	52.2 km		5,522 m

IXL.com
skill ID
PJL

7 Word problems

Answer each question.

Evelyn went to Toys and Games Galore with her family. She found a unicorn water bottle that holds 0.35 liters of water. How many **milliliters** of water can this bottle hold?

_____

Her brother wanted the Rip-Roaring Roller Coaster Model. The package says that the model will be 90 centimeters tall when fully built! How tall will it be in **millimeters**?

_____

Evelyn's sister found the Create-A-Beach Sand Kit. The kit comes with 1.2 kilograms of sand. How many **grams** of sand are in the kit?

_____

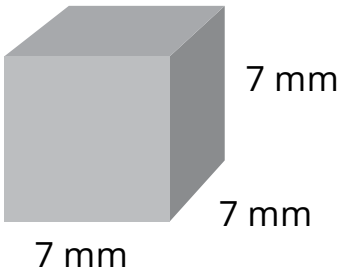
Her dad wanted to buy more bubbles for their bubble machine. Pop's Bubbles has 1.39 liters in a bottle. Super Sparkle Bubbles has 1,330 milliliters in a bottle. Which bottle has more?

_____

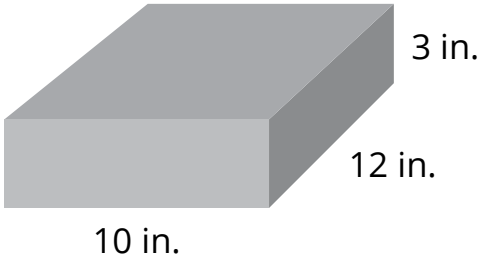
IXL.com skill ID
X5T

8 Volume

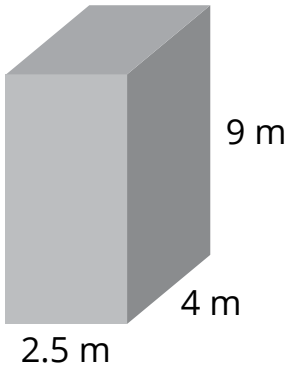
Find the volume of each prism.



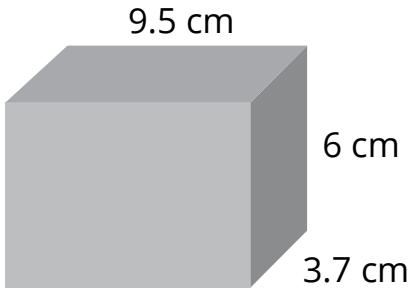
Volume = _____



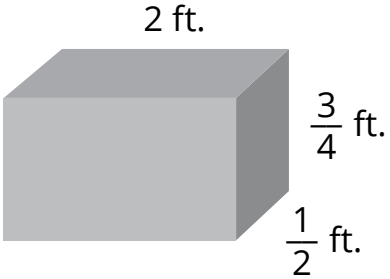
Volume = _____



Volume = _____



Volume = _____



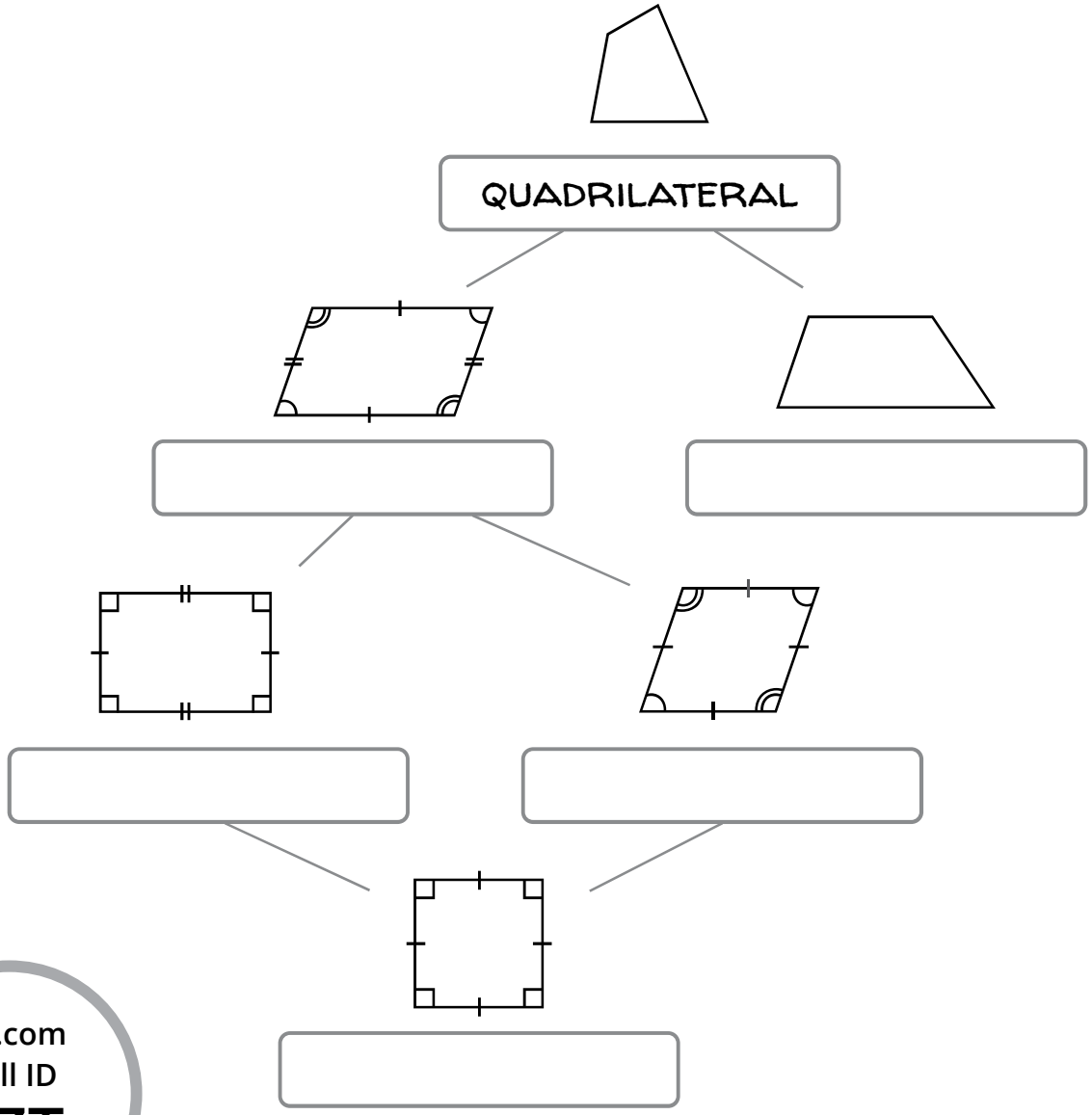
Volume = _____

IXL.com skill ID
TFL

9 Quadrilaterals

Write the shape names to complete the graphic organizer.

Word bank		
parallelogram	rhombus	rectangle
square	trapezoid	~~quadrilateral~~



IXL.com
skill ID
SZT

10 Drawing quadrilaterals

Draw each shape. Try not to draw the same shape twice!

A rectangle that is not a square

A trapezoid

A quadrilateral that is not a trapezoid

A parallelogram that is not a rectangle

A rhombus

A quadrilateral that is not a parallelogram

IXL.com
skill ID
VYE

11 Answer key

PAGE 1

A (1, 5)

B (3, 8)

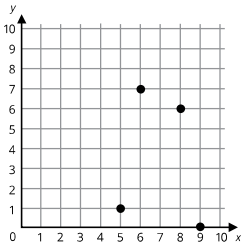
C (7, 6)

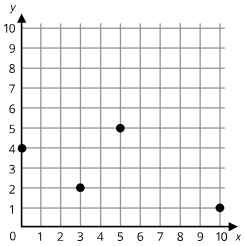
D (9, 3)

E (2, 10)

F (3, 3)

PAGE 2



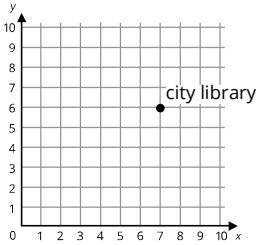


PAGE 3

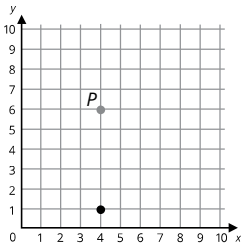
(10, 9)

Threads-R-Us Clothing Store

4 units

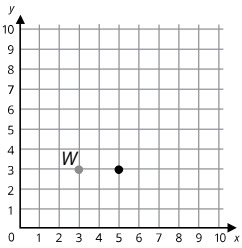


PAGE 4

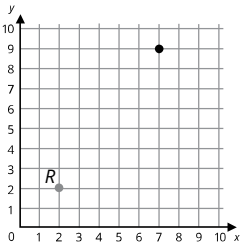


(4, 1)

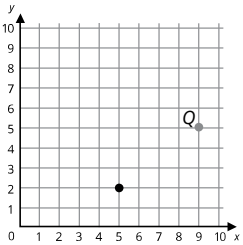
PAGE 4, *continued*



(5, 3)



(7, 9)



(5, 2)

PAGE 5

5 yards

12 cups

8 feet

12 pounds

6 pints

PAGE 6

7,200 mg < 720 g

7.3 cm = 73 mm

6,460 mL > 6.4 L

30 g > 3,000 mg

14,600 mg > 1.46 g

2.2 L = 2,200 mL

3,320 cm > 3.32 m

31.36 cm > 313 mm

805 mg < 80.5 g

52.2 km > 5,522 m

PAGE 7

350 milliliters

900 millimeters

1,200 grams

Pop's Bubbles

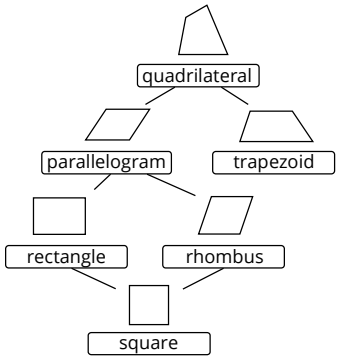
PAGE 8

343 mm^3 360 $in.^3$

90 m^3 210.9 cm^3

$\frac{6}{8}$ or $\frac{3}{4}$ $ft.^3$

PAGE 9



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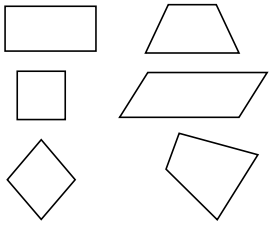
Answers will vary. Some possible answers are shown below.



1 Multiplying a whole number by a fraction

Multiply. Write your answer as a proper fraction or mixed number in simplest form.

$2 \times \frac{3}{8} =$ $\frac{6}{8} = \frac{3}{4}$

$8 \times \frac{1}{6} =$ _____

$9 \times \frac{5}{8} =$ _____

$\frac{11}{12} \times 5 =$ _____

$\frac{2}{3} \times 6 =$ _____

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

$4 \times \frac{7}{12} =$ _____

$3 \times \frac{5}{6} =$ _____

$\frac{3}{10} \times 6 =$ _____

$\frac{4}{5} \times 10 =$ _____

$7 \times \frac{5}{9} =$ _____

$8 \times \frac{10}{11} =$ _____

IXL.com skill ID
69L

For more practice, visit IXL.com or the IXL mobile app and enter this code in the search bar.

2 Multiplying fractions

Multiply. Write your answer in simplest form. Then circle all of the answers that are greater than $\frac{1}{2}$.

$\frac{3}{8} \times \frac{1}{2} =$ _____

$\frac{5}{7} \times \frac{1}{3} =$ _____

$\frac{3}{10} \times \frac{2}{3} =$ _____

$\frac{1}{4} \times \frac{1}{5} =$ _____

$\frac{1}{2} \times \frac{5}{12} =$ _____

$\frac{4}{5} \times \frac{2}{3} =$ _____

$\frac{3}{4} \times \frac{3}{4} =$ _____

$\frac{7}{9} \times \frac{1}{2} =$ _____

$\frac{5}{8} \times \frac{1}{4} =$ _____

$\frac{5}{9} \times \frac{3}{5} =$ _____

$\frac{7}{8} \times \frac{4}{5} =$ _____

$\frac{5}{11} \times \frac{11}{12} =$ _____

IXL.com
skill ID
8KV

3 Word problems

Answer each question. Write your answer in simplest form.

A group of 8 friends were having a picnic, and $\frac{3}{4}$ of them brought sandwiches. How many of the friends brought a sandwich? _____

A bike trail is 12 miles, and $\frac{5}{6}$ of it goes along the river. How many miles of the trail are along the river? _____

Rebecca has 9 video games on her shelf, and $\frac{1}{3}$ of them are racing games. How many racing games does Rebecca have? _____

A group of 10 friends went to a ski resort, but $\frac{2}{5}$ of them did not know how to ski. How many friends did not know how to ski? _____

IXL.com skill ID
LPC

4 Word problems

Answer each question. Write your answer in simplest form.

Mel has a box of donuts, and $\frac{2}{3}$ of the donuts are mini. Out of all the mini donuts, $\frac{3}{4}$ are chocolate. What fraction of the whole box are mini chocolate donuts? _____

At the Fairview Symphony, $\frac{1}{4}$ of the musicians play string instruments. Of the musicians who play string instruments, $\frac{1}{4}$ play the violin. What fraction of the musicians play the violin? _____

At her orchard, April estimates that $\frac{5}{8}$ of the apples are red. She also estimates that $\frac{4}{9}$ of the red apples are Gala apples. According to her estimates, what fraction of the apples in her orchard are Gala apples? _____

At the Atlantic Aquarium, $\frac{5}{6}$ of the animals are fish. On a tour, Jessie learns that $\frac{3}{4}$ of all of the fish at the aquarium are saltwater fish. What fraction of the animals in the aquarium are saltwater fish? _____

IXL.com
skill ID
38Y

5 Multiplication as scaling

Without doing the math, decide whether the product will be greater than or less than the first factor.

$8 \times \frac{1}{2}$ will be ____LESS____ than 8.

$\frac{1}{3} \times 3\frac{3}{4}$ will be _____ than $\frac{1}{3}$.

$2 \times 1\frac{5}{12}$ will be _____ than 2.

$\frac{7}{8} \times \frac{8}{9}$ will be _____ than $\frac{7}{8}$.

Without doing the math, compare each pair of products using > or <.

$12 \times \frac{1}{9}$ ◯ $12 \times 1\frac{1}{9}$

$\frac{8}{15} \times 2\frac{1}{5}$ ◯ $\frac{8}{15} \times \frac{1}{5}$

$156 \times 4\frac{1}{7}$ ◯ $156 \times \frac{4}{7}$

$8 \times \frac{6}{7}$ ◯ $8 \times 1\frac{1}{8}$

You can use what you know about scaling to compare other products, too. Keep going! Compare each pair of products using > or <.

$22 \times \frac{1}{6}$ ◯ $32 \times \frac{1}{6}$

$94 \times 1\frac{1}{4}$ ◯ $90 \times \frac{2}{3}$

$16 \times 1\frac{1}{8}$ ◯ $15 \times \frac{7}{8}$

IXL.com
skill ID
Q7M

6 Multiplying fractions and mixed numbers

Multiply. Write your answer as a proper fraction or mixed number in simplest form.

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

$2\frac{1}{9} \times \frac{1}{4} =$ _____

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

$\frac{9}{10} \times 2\frac{1}{4} =$ _____

$3\frac{1}{5} \times 4 =$ _____

$4\frac{1}{2} \times 1\frac{3}{10} =$ _____

$1\frac{1}{5} \times 1\frac{3}{4} =$ _____

$2\frac{2}{5} \times 1\frac{2}{7} =$ _____

$4\frac{1}{2} \times 2\frac{1}{3} =$ _____

$1\frac{1}{9} \times 1\frac{7}{8} =$ _____

IXL.com
skill ID
P73

$1\frac{2}{7} \times 4\frac{1}{5} =$ _____

7 Word problems

Answer each question. Write your answer as a proper fraction or mixed number in simplest form.

On Wednesday, Mark ran $3\frac{3}{5}$ miles at cross country practice. At Thursday's practice, he ran $2\frac{1}{2}$ times as far as he did on Wednesday. How many miles did he run on Thursday? _____

Justin bought 4 packages of cheese at Carly's Cheese Shop. Each package of cheese weighed $1\frac{1}{4}$ pounds. How many pounds of cheese did he buy? _____

Gavin has $3\frac{1}{2}$ cups of vegetable oil in his cupboard. He needs $\frac{1}{2}$ of the oil for a salad dressing. How many cups of oil does he need for the salad dressing? _____

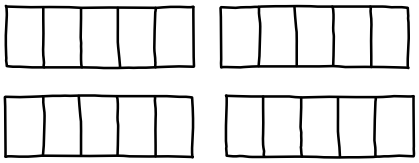
Mackenzie's apartment is $5\frac{1}{2}$ blocks from her work. If she walks to work and then back home, how many blocks has she walked? _____

IXL.com skill ID
5W6

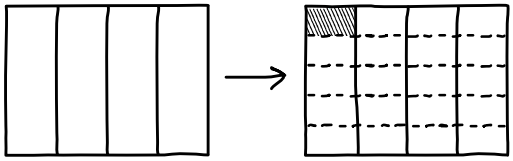
8 Dividing fractions and whole numbers

Divide. Draw models to help.

$4 \div \frac{1}{5} =$ 20



$\frac{1}{4} \div 5 =$ $\frac{1}{20}$



$2 \div \frac{1}{6} =$ _____

$\frac{1}{2} \div 6 =$ _____

$3 \div \frac{1}{5} =$ _____

$\frac{1}{3} \div 5 =$ _____

$5 \div \frac{1}{2} =$ _____

$\frac{1}{5} \div 2 =$ _____

IXL.com
skill ID
A7W

9 Word problems

Answer each question. Draw models to help.

Erica made a block of scented soap. The block weighs $\frac{1}{2}$ of a pound. If she cuts the soap into 2 equal bars, how much will each bar weigh? _____

Bailey bought 2 bags of pita chips. If she eats $\frac{1}{7}$ of a bag each day, how long will the chips last? _____

Mr. Murray bought $\frac{1}{4}$ of a pound of turkey at the deli. He wants to use the turkey to make 3 sandwiches. If he splits the turkey equally, how much turkey will be on each sandwich? _____

Zander wants to make a few bandanas for his puppy. He has 3 yards of paw-print fabric. Each bandana uses $\frac{1}{2}$ of a yard of fabric. How many bandanas can he make? _____

IXL.com
skill ID
G2N

10 Dividing fractions

Divide. Write your answer as a proper fraction or mixed number in simplest form.

$\frac{5}{7} \div 3 =$ _____

$\frac{1}{2} \div 2 =$ _____

$2 \div \frac{1}{5} =$ _____

$\frac{1}{6} \div 5 =$ _____

$7 \div \frac{2}{3} =$ _____

$\frac{2}{5} \div 4 =$ _____

$\frac{4}{5} \div 3 =$ _____

$\frac{1}{4} \div 8 =$ _____

$9 \div \frac{7}{10} =$ _____

$11 \div \frac{3}{5} =$ _____

IXL.com skill ID
FKT

11 Answer key

PAGE 1

$2 \times \frac{3}{8} = \frac{3}{4}$

$9 \times \frac{5}{8} = 5\frac{5}{8}$

$\frac{2}{3} \times 6 = 4$

$4 \times \frac{7}{12} = 2\frac{1}{3}$

$\frac{3}{10} \times 6 = 1\frac{4}{5}$

$7 \times \frac{5}{9} = 3\frac{8}{9}$

$8 \times \frac{1}{6} = 1\frac{1}{3}$

$\frac{11}{12} \times 5 = 4\frac{7}{12}$

$\frac{3}{4} \times 2 = 1\frac{1}{2}$

$3 \times \frac{5}{6} = 2\frac{1}{2}$

$\frac{4}{5} \times 10 = 8$

$8 \times \frac{10}{11} = 7\frac{3}{11}$

PAGE 2

$\frac{3}{8} \times \frac{1}{2} = \frac{3}{16}$

$\frac{3}{10} \times \frac{2}{3} = \frac{1}{5}$

$\frac{1}{2} \times \frac{5}{12} = \frac{5}{24}$

$\frac{3}{4} \times \frac{3}{4} = \frac{9}{16}$

$\frac{5}{8} \times \frac{1}{4} = \frac{5}{32}$

$\frac{7}{8} \times \frac{4}{5} = \frac{7}{10}$

$\frac{5}{7} \times \frac{1}{3} = \frac{5}{21}$

$\frac{1}{4} \times \frac{1}{5} = \frac{1}{20}$

$\frac{4}{5} \times \frac{2}{3} = \frac{8}{15}$

$\frac{7}{9} \times \frac{1}{2} = \frac{7}{18}$

$\frac{5}{9} \times \frac{3}{5} = \frac{1}{3}$

$\frac{5}{11} \times \frac{11}{12} = \frac{5}{12}$

PAGE 3

6 friends

10 miles

3 racing games

4 friends

PAGE 4

$\frac{1}{2}$

$\frac{1}{16}$

$\frac{5}{18}$

$\frac{5}{8}$

PAGE 5

$8 \times \frac{1}{2}$ will be less than 8.

$\frac{1}{3} \times 3\frac{3}{4}$ will be greater than $\frac{1}{3}$.

$2 \times 1\frac{5}{12}$ will be greater than 2.

$\frac{7}{8} \times \frac{8}{9}$ will be less than $\frac{7}{8}$.

$12 \times \frac{1}{9} < 12 \times 1\frac{1}{9}$

$156 \times 4\frac{1}{7} > 156 \times \frac{4}{7}$

$22 \times \frac{1}{6} < 32 \times \frac{1}{6}$

$\frac{8}{15} \times 2\frac{1}{5} > \frac{8}{15} \times \frac{1}{5}$

$8 \times \frac{6}{7} < 8 \times 1\frac{1}{8}$

$94 \times 1\frac{1}{4} > 90 \times \frac{2}{3}$

$16 \times 1\frac{1}{8} > 15 \times \frac{7}{8}$

PAGE 6

$2\frac{1}{2} \times 3 = 7\frac{1}{2}$

$\frac{3}{5} \times 1\frac{2}{3} = 1$

$3\frac{1}{5} \times 4 = 12\frac{4}{5}$

$1\frac{1}{5} \times 1\frac{3}{4} = 2\frac{1}{10}$

$4\frac{1}{2} \times 2\frac{1}{3} = 10\frac{1}{2}$

$2\frac{1}{9} \times \frac{1}{4} = \frac{19}{36}$

$\frac{9}{10} \times 2\frac{1}{4} = 2\frac{1}{40}$

$4\frac{1}{2} \times 1\frac{3}{10} = 5\frac{17}{20}$

$2\frac{2}{5} \times 1\frac{2}{7} = 3\frac{3}{35}$

$1\frac{1}{9} \times 1\frac{7}{8} = 2\frac{1}{12}$

$1\frac{2}{7} \times 4\frac{1}{5} = 5\frac{2}{5}$

PAGE 7

9 miles

5 pounds

$1\frac{3}{4}$ cups

11 blocks

PAGE 8

$4 \div \frac{1}{5} = 20$

$2 \div \frac{1}{6} = 12$

$3 \div \frac{1}{5} = 15$

$5 \div \frac{1}{2} = 10$

$\frac{1}{4} \div 5 = \frac{1}{20}$

$\frac{1}{2} \div 6 = \frac{1}{12}$

$\frac{1}{3} \div 5 = \frac{1}{15}$

$\frac{1}{5} \div 2 = \frac{1}{10}$

PAGE 9

$\frac{1}{4}$ of a pound

14 days

$\frac{1}{12}$ of a pound

6 bandanas

PAGE 10

$\frac{5}{7} \div 3 = \frac{5}{21}$

$2 \div \frac{1}{5} = 10$

$7 \div \frac{2}{3} = 10\frac{1}{2}$

$\frac{4}{5} \div 3 = \frac{4}{15}$

$9 \div \frac{7}{10} = 12\frac{6}{7}$

$\frac{1}{2} \div 2 = \frac{1}{4}$

$\frac{1}{6} \div 5 = \frac{1}{30}$

$\frac{2}{5} \div 4 = \frac{1}{10}$

$\frac{1}{4} \div 8 = \frac{1}{32}$

$11 \div \frac{3}{5} = 18\frac{1}{3}$

1 Two-digit by four-digit multiplication

Multiply.

1,531 × 25	3,174 × 43	2,820 × 35
1,898 × 17	7,118 × 50	5,055 × 26
2,787 × 49	3,118 × 89	5,718 × 77

IXL.com skill ID
9VQ

For more practice, visit IXL.com or the IXL mobile app and enter this code in the search bar.

2 Long division

Divide.

$19 \overline{)\,1{,}425}$

$32 \overline{)\,1{,}314}$

$27 \overline{)\,1{,}221}$

$42 \overline{)\,1{,}263}$

$17 \overline{)\,1{,}001}$

$28 \overline{)\,1{,}980}$

$36 \overline{)\,1{,}191}$

$38 \overline{)\,3{,}116}$

$41 \overline{)\,1{,}271}$

$18 \overline{)\,1{,}152}$

$53 \overline{)\,1{,}601}$

IXL.com skill ID
35K

3 Order of operations

Solve using the order of operations.

$25 \times 2 \div 5 - 8 =$ _____

$(4 + 32) \div 6 \times 2 =$ _____

$27 \div (45 - 36) + 3 =$ _____

$16 + 6^2 - 4 \div 2 =$ _____

$9^2 - 12 \times 2 \div 6 =$ _____

$35 \div (12 - 5) + 10 \times 7 =$ _____

$44 - 12 \times 2 + 5 \times 15 =$ _____

$72 \div (4 + 15 - 7) =$ _____

IXL.com
skill ID
HGW

4 Adding and subtracting decimals

Add or subtract.

18.46 − 12.9 = _____

5.8 + 8.35 = _____

9.55 − 8.8 = _____

76.3 − 34.59 = _____

73.5 + 9.96 = _____

6.36 + 13.9 = _____

83 − 20.6 = _____

76.7 + 3.47 = _____

83.13 + 72.8 = _____

130.58 − 7.6 = _____

IXL.com
skill ID
7VJ

87.6 + 49.99 = _____

5 Multiplying a decimal by a whole number

Multiply.

72.24 × 4 = _____

8.214 × 3 = _____

6.8 × 32 = _____

9.3 × 24 = _____

74 × 4.7 = _____

61 × 0.28 = _____

18.6 × 52 = _____

209 × 1.9 = _____

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skill ID
PGM

6 Multiplying a decimal by a decimal

Multiply.

5.3×2.4	6.3×6.3	4.5×2.1
9.7×8.6	0.64×3.7	9.9×9.9
3.02×1.4	5.96×2.2	2.88×4.6
	7.65×3.3	9.89×5.8

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skill ID
FLL

7 Dividing a decimal by a decimal

Divide.

$1.9 \overline{)\,9.31}$

$1.2 \overline{)\,7.62}$

$2.1 \overline{)\,90.51}$

$1.8 \overline{)\,4.05}$

$3.3 \overline{)\,269.94}$

$4.1 \overline{)\,115.62}$

$3.4 \overline{)\,25.5}$

$2.4 \overline{)\,81.84}$

$2.5 \overline{)\,55.7}$

$1.6 \overline{)\,13.2}$

$3.5 \overline{)\,165.9}$

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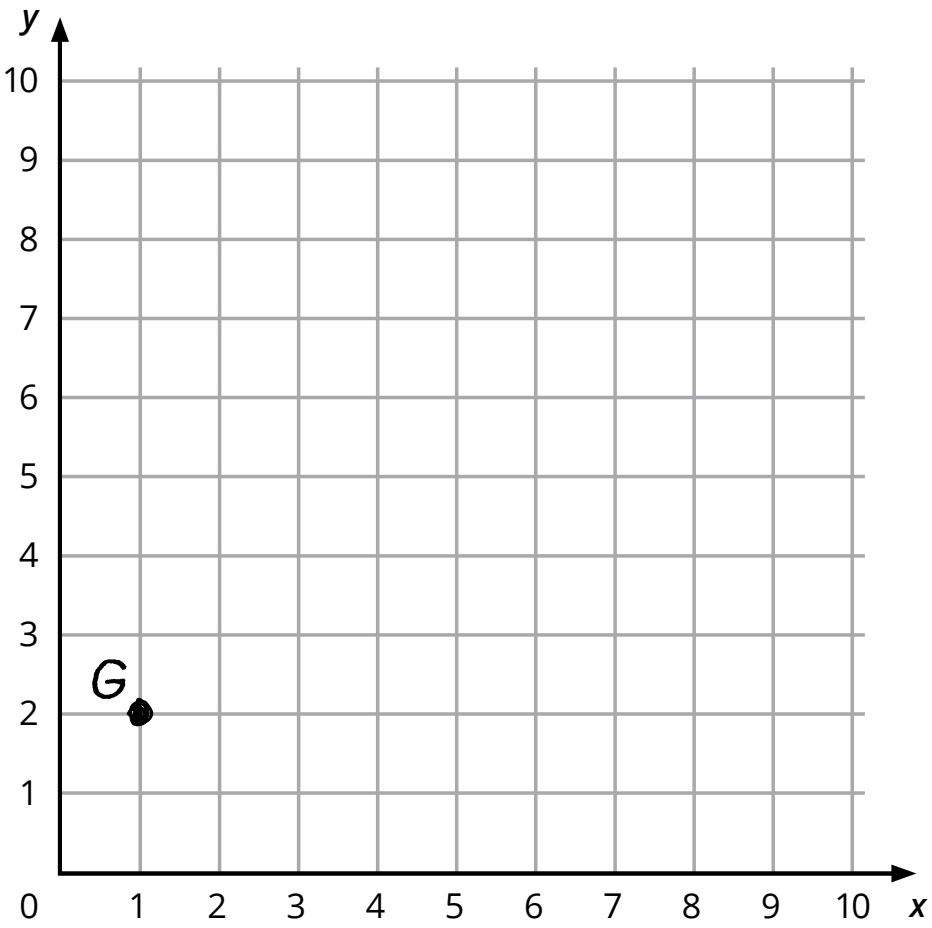
skill ID
8FT

8 Coordinate plane

When you draw a point on a coordinate plane, you are *plotting* the point! Plot and label the points.



G (1, 2)	*H* (5, 5)	*I* (3, 10)
J (0, 8)	*K* (6, 4)	*L* (4, 0)
M (9, 6)	*N* (2, 7)	*O* (8, 0)

IXL.com skill ID **AST**

KEEP IT GOING! | Come up with another ordered pair that's not on this page. Then plot it on the coordinate plane!

9 Adding with unlike denominators

Add. Write your answer in simplest form.

$\frac{1}{4} + \frac{1}{6} = \frac{3}{12} + \frac{2}{12} = \frac{5}{12}$

$\frac{1}{2} + \frac{2}{9} =$ _____

$\frac{3}{8} + \frac{1}{6} =$ _____

$\frac{3}{4} + \frac{1}{12} =$ _____

$\frac{1}{10} + \frac{1}{4} =$ _____

$\frac{2}{3} + \frac{1}{8} =$ _____

$\frac{1}{3} + \frac{2}{5} =$ _____

$\frac{3}{5} + \frac{2}{7} =$ _____

$\frac{5}{12} + \frac{3}{8} =$ _____

$\frac{2}{11} + \frac{3}{4} =$ _____

IXL.com skill ID
D9N

10 Adding and subtracting fractions

Add or subtract. Write your answer in simplest form.

$\frac{1}{5} + \frac{3}{7} =$ _____

$\frac{4}{5} - \frac{1}{4} =$ _____

$\frac{1}{9} + \frac{2}{3} =$ _____

$\frac{8}{11} - \frac{1}{2} =$ _____

$\frac{5}{6} - \frac{4}{7} =$ _____

$\frac{1}{10} + \frac{2}{5} =$ _____

$\frac{3}{8} + \frac{1}{3} =$ _____

$\frac{8}{9} - \frac{3}{4} =$ _____

$\frac{5}{6} - \frac{1}{8} =$ _____

$\frac{3}{10} + \frac{7}{12} =$ _____

IXL.com
skill ID
FCA

11 Answer key

PAGE 1

1,531 × 25 = 38,275	3,174 × 43 = 136,482	2,820 × 35 = 98,700
1,898 × 17 = 32,266	7,118 × 50 = 355,900	5,055 × 26 = 131,430
2,787 × 49 = 136,563	3,118 × 89 = 277,502	5,718 × 77 = 440,286

PAGE 2

19 ⟌ 1,425 = 75	32 ⟌ 1,314 = 41 R2	27 ⟌ 1,221 = 45 R6
42 ⟌ 1,263 = 30 R3	17 ⟌ 1,001 = 58 R15	28 ⟌ 1,980 = 70 R20
36 ⟌ 1,191 = 33 R3	38 ⟌ 3,116 = 82	41 ⟌ 1,271 = 31
	18 ⟌ 1,152 = 64	53 ⟌ 1,601 = 30 R11

PAGE 3

2	12
6	50
77	75
95	6

PAGE 4

18.46 – 12.9 = 5.56

5.8 + 8.35 = 14.15

9.55 – 8.8 = 0.75

76.3 – 34.59 = 41.71

73.5 + 9.96 = 83.46

6.36 + 13.9 = 20.26

83 – 20.6 = 62.4

76.7 + 3.47 = 80.17

83.13 + 72.8 = 155.93

130.58 – 7.6 = 122.98

87.6 + 49.99 = 137.59

PAGE 5

72.24 × 4 = 288.96

8.214 × 3 = 24.642

6.8 × 32 = 217.6

9.3 × 24 = 223.2

74 × 4.7 = 347.8

61 × 0.28 = 17.08

18.6 × 52 = 967.2

209 × 1.9 = 397.1

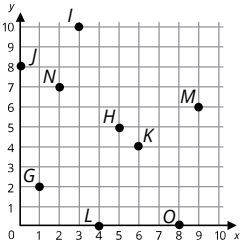
PAGE 6

5.3 × 2.4 = 12.72	6.3 × 6.3 = 39.69	4.5 × 2.1 = 9.45
9.7 × 8.6 = 83.42	0.64 × 3.7 = 2.368	9.9 × 9.9 = 98.01
3.02 × 1.4 = 4.228	5.96 × 2.2 = 13.112	2.88 × 4.6 = 13.248
	7.65 × 3.3 = 25.245	9.89 × 5.8 = 57.362

PAGE 7

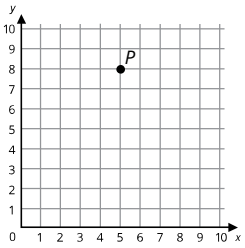
1.9 ⟌ 9.31 = 4.9	1.2 ⟌ 7.620 = 6.35	2.1 ⟌ 90.51 = 43.1
1.8 ⟌ 4.050 = 2.25	3.3 ⟌ 269.94 = 81.8	4.1 ⟌ 115.62 = 28.2
3.4 ⟌ 25.50 = 7.5	2.4 ⟌ 81.84 = 34.1	2.5 ⟌ 55.700 = 22.28
	1.6 ⟌ 13.200 = 8.25	3.5 ⟌ 165.90 = 47.4

PAGE 8



PAGE 8, *continued*

Answers will vary. One possible answer is shown below.



P (5, 8)

PAGE 9

$\frac{1}{4} + \frac{1}{6} = \frac{5}{12}$	$\frac{1}{2} + \frac{2}{9} = \frac{13}{18}$
$\frac{3}{8} + \frac{1}{6} = \frac{13}{24}$	$\frac{3}{4} + \frac{1}{12} = \frac{5}{6}$
$\frac{1}{10} + \frac{1}{4} = \frac{7}{20}$	$\frac{2}{3} + \frac{1}{8} = \frac{19}{24}$
$\frac{1}{3} + \frac{2}{5} = \frac{11}{15}$	$\frac{3}{5} + \frac{2}{7} = \frac{31}{35}$
$\frac{5}{12} + \frac{3}{8} = \frac{19}{24}$	$\frac{2}{11} + \frac{3}{4} = \frac{41}{44}$

PAGE 10

$\frac{1}{5} + \frac{3}{7} = \frac{22}{35}$	$\frac{4}{5} - \frac{1}{4} = \frac{11}{20}$
$\frac{1}{9} + \frac{2}{3} = \frac{7}{9}$	$\frac{8}{11} - \frac{1}{2} = \frac{5}{22}$
$\frac{5}{6} - \frac{4}{7} = \frac{11}{42}$	$\frac{1}{10} + \frac{2}{5} = \frac{1}{2}$
$\frac{3}{8} + \frac{1}{3} = \frac{17}{24}$	$\frac{8}{9} - \frac{3}{4} = \frac{5}{36}$
$\frac{5}{6} - \frac{1}{8} = \frac{17}{24}$	$\frac{3}{10} + \frac{7}{12} = \frac{53}{60}$