June 2026

Dear Incoming 6th Graders:

Attached you will find the 2026 Summer Math Assignment. Use this checklist as a guide. Check off the items as you complete them.

_____ Complete the 36 multiple choice questions. Do NOT leave any questions blank. Try your best.

_____ ALL work/ calculations necessary to solve each problem must be completed neatly on loose-leaf and stapled to the back of the assignment. Failure to show all work will result in points being deducted from your grade.

_____ Write your final answers (letter only) on the answer sheet provided (multiple choice questions only).

_____ Complete the "Decimal Operations - Dolphins" color by number questions. You can show your work in each box. Color the picture using the correct colors.

_____ Complete the "Add and Subtract Fractions - Lobsters" color by number sheet. You can show your work in each box. Color the picture using the correct colors.

_____ Complete the "Multiply/Divide Fractions - Shrimp and Fish" color by number sheet. You can show your work in each box. Color the picture using the correct colors.

_____ Complete the "Coordinate Plane - Sea Turtle" color by number sheet. You can show your work in each box. Color the picture using the correct colors.

_____ This assignment is due on the first day of school in September.

The following is a list of supplies students should have with them for the first day of school.

6th Grade Supply List:

- 1 pencil case
- 1 glue stick
- 1 box of assorted Crayola Markers
- 1 box of crayons (24 count)
- Pens (Blue or Black)
- Scotch Tape
- Wired Headphones (No Bluetooth)

* Two Highlighters
* Pencils
* 4 2-Pocket Folders (Plastic)
* 1 pack of Construction Paper
* Mini Stapler
* Post-It Notes

If you want some extra practice with any of your math skills, you can visit some of the websites listed below for additional practice of math concepts by grade level.

- Mathgames.com
- aamath.com
- mathabc.com
- mathplayground.com
- khanacademy.com

Have a wonderful summer!

Sincerely,

Mrs. Tuite

Name: _____

Sixth Grade Math Summer Packet Answer Sheet

1._____

2._____

3._____

4._____

5._____

6._____

7._____

8._____

9._____

10._____

11._____

12._____

13._____

14._____

15._____

16._____

17._____

18._____

19._____

20._____

21._____

22._____

23.._____

24._____

25._____

26._____

27._____

28._____

29._____

30._____

31._____

32._____

33._____

34._____

35._____

36._____

Name _____

Grade 6
Readiness Test

1. There are 928 possible words for a spelling bee. If Levi studies 40 words per day, how long will he take to study all of the words?

   A. 18 days
   B. 21 days
   C. 23 days
   D. 24 days

2. Ken went to a county fair and spent $5 on admission, $6.50 on games, and $7.21 on food. If he had $30 before he went to the fair, how much money does he have left?

   A. $18.71
   B. $12.19
   C. $11.29
   D. $10.89

3. Jo kept track of how much TV she watched each day for two weeks. How many hours in all did she spend watching TV?

   A. $1\frac{1}{2}$ hours
   B. $5\frac{1}{4}$ hours
   C. $12\frac{1}{2}$ hours
   D. $13\frac{1}{2}$ hours

4. The Johnsons sold corn at a local farmer's market. They sold $56\frac{1}{2}$ pounds of corn to 15 customers. How many total ounces of corn did they sell?

   A. 904 ounces
   B. 896 ounces
   C. 568 ounces
   D. 560 ounces

5. The length of an alligator in a zoo is $14\frac{5}{6}$ feet. The Everglades National Park lists the longest alligator ever recorded in Florida at $17\frac{5}{12}$ feet. Which is the difference in their lengths?

   A. $2\frac{3}{4}$ feet
   B. $2\frac{7}{12}$ feet
   C. $3\frac{5}{8}$ feet
   D. $3\frac{5}{6}$ feet

6. The students at Woodward Elementary voted for a school mascot. The falcon won with $\frac{5}{8}$ of the votes and the eagle came second with $\frac{1}{3}$ of the remaining votes. If 536 students voted for a mascot, how many students voted for the eagle?

   A. 23
   B. 78
   C. 67
   D. 87

7. Round 503.782 to the nearest tenth.

A. 500
B. 503.7
C. 503.78
D. 503.8

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8. Ernie walked $1\frac{1}{4}$ miles from his cabin to a park, then $1\frac{1}{2}$ miles around the park, and then back to his cabin. How many miles did he walk?

A. $4\frac{1}{4}$ miles
B. 4 miles
C. $2\frac{3}{4}$ miles
D. $\frac{1}{4}$ mile

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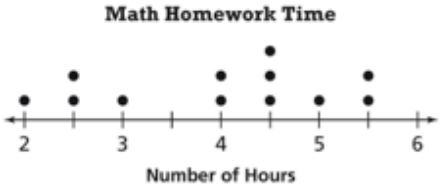
9. The line plot shows the number of hours students spent doing their math homework last week.



How many students spent more than 5 or less than 4 hours on their math homework?

A. 3
B. 5
C. 6
D. 12

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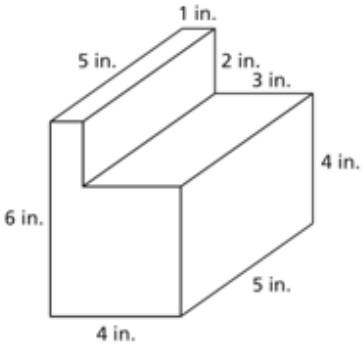
10. A cell phone manufacturer designed the new packaging shown below that will hold a cell phone, accessories, and an owner's manual. Which is the volume of the new packaging?



A. 130 $in.^3$
B. 120 $in.^3$
C. 110 $in.^3$
D. 90 $in.^3$

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11. One quarter has a mass of 5.67 grams. Which is the mass of two rolls of quarters each containing 40 quarters?

A. 22.68 grams
B. 45.36 grams
C. 226.8 grams
D. 453.6 grams

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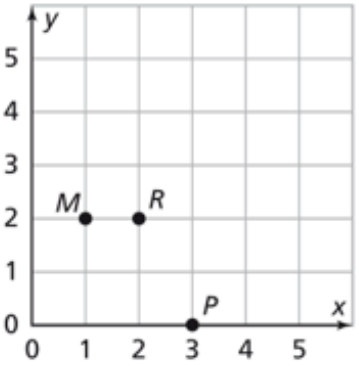
12. Jeremy has 3 pounds of ground beef to make hamburgers. How many $\frac{1}{3}$-pound hamburgers can he make?

A. 12
B. 9
C. 6
D. 1

13. The map below shows the locations of the houses of Maria, Reese, and Paul. What are the coordinates of Steve's house, who lives 2 miles from Maria, 2 miles from Paul and 1 mile from Reese?



A. (3, 2)
B. (2, 1)
C. (3, 1)
D. (1, 0)

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14. For the school play, 205 students buy tickets and 232 adults buy tickets. All tickets cost $16. How much did the school make in ticket revenue?

A. $6,792
B. $6,952
C. $6,963
D. $6,992

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15. Ted brought a cooler containing 7.5 liters of water to a picnic. If 500 milliliters of water are served to each person, how many people can get water before the cooler is empty?

A. 150
B. 130
C. 15
D. 13

16. The femur, or thigh bone, of an average human is 480 millimeters long. The spinal cord of an average human is 45 centimeters long. What is the total length of a spinal cord and a femur, in meters?

A. 0.93
B. 9.3
C. 93
D. 983,000

---

17. Which expression represents the following calculation?

Add the product of 7 and 5 to the quotient of 288 and 18.

A. $288 \div (7 \times 5) + 18$
B. $(7 \times 18) + (288 \times 5)$
C. $(288 - 18) \div (7 + 5)$
D. $(288 \div 18) + (7 \times 5)$

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18. Erin earns $7.50 per hour, and Rita earns $9.00 per hour. The table shows the amounts that Erin and Rita earn for working 1 to 6 hours.

Hours	Erin	Rita
1	$7.50	$9.00
2	$15.00	$18.00
3	$22.50	$27.00
4	$30.00	$36.00
5	$37.50	$45.00
6	$45.00	$54.00

How will their total earnings compare for a 40-hour workweek?

A. Rita earns $60 more than Erin.
B. Erin earns $60 more than Rita.
C. Rita earns $1,000 more than Erin.
D. Erin earns $100 more than Rita.

in

19. Jasmine bought a game system that cost $299 before tax. The total including sales tax was 1.07 times the price. A discount was then applied by multiplying the total price by 0.90. What was the total cost of the game system including the sales tax and discount?

A. $273.56

B. $278.06

C. $287.94

D. $289.79

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20. The quotient below is shown without the decimal point. Use number sense to place the decimal point correctly.

$370 \div 2.5 \div 1.6 = 925$

A. Place the decimal point before 9.

B. Place the decimal point between 9 and 2.

C. Place the decimal point between 2 and 5.

D. Place the decimal point after 5.

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21. Andy has $261.81 left in his bank account after buying a tennis racquet and a can of tennis balls. The racquet cost $76.58 and the tennis balls cost $13.61. How much did Andy have in his bank account before buying the tennis racquet and tennis balls?

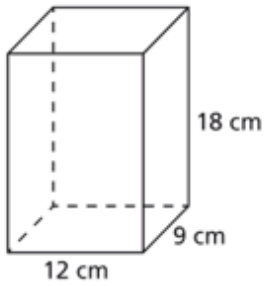
A. $633.60

B. $352.00

C. $70.40

D. $18.40

22. Steve needs to ship a box of dice, each of which is a cube with a volume of 1 cubic centimeter. How many dice can Steve fit in this box?



A. 39

B. 270

C. 972

D. 1,944

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23. Select all the statements that are true.

- ☐ Every rhombus has 4 equal angles.
- ☐ Every trapezoid has 2 pairs of opposite parallel sides.
- ☐ Every square has 4 equal sides and 4 right angles.
- ☐ Every parallelogram has 4 equal sides.
- ☐ Every rectangle is a parallelogram.

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24. Which expression has a value of 8?

A. $21 - 3 \times 5$

B. $(28 \div 4) + (10 \times 2)$

C. $(16 \div 4) + 3 \times 2$

D. $4 \times 5 - 6 \times 2$

25. Nina's total trip to and from work is 14 miles. If she works 243 days this year, how many miles will she drive to and from work?

A. 3,402 miles
B. 3,292 miles
C. 1,215 miles
D. 1,105 miles

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26. Fatima has 2 gallons of milk. She wants to pour all the milk into glasses that each hold 1 cup ($\frac{1}{16}$ gallon). How many glasses can she fill?

A. 32
B. 16
C. 8
D. 2

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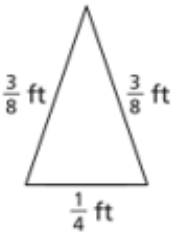
27. A team of four runners competed in the 100-meter relay race. The times for each racer are shown in the table.

Runner	Time (s)
Jared	12.36
Zachary	12.2
Danny	12.03
Jackson	11.85

The team's competition time is given by the total of the three fastest runners. What is this team's competition time?

A. 36.24 seconds
B. 36.08 seconds
C. 35.55 seconds
D. 36.09 seconds

28. Which is the perimeter of the triangle below?



A. $\frac{9}{22}$ foot
B. $\frac{15}{24}$ foot
C. 1 foot
D. $1\frac{1}{4}$ feet

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29. A flower shop ordered 1,176 flowers to make bouquets. Each bouquet will have 12 flowers. How many bouquets can the flower shop make?

A. 89
B. 98
C. 99
D. 102

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30. The heights of four students are 148.5 centimeters, 146.9 centimeters, 148.2 centimeters, and 148.75 centimeters. Kylie is the tallest. Elly is taller than Jessica, but shorter than Elizabeth. Jessica is the shortest. What is Elizabeth's height?

A. 148.75 centimeters
B. 148.5 centimeters
C. 148.2 centimeters
D. 146.9 centimeters

31. Rosa paid $107.40 for 12 audio books that were all the same price. Which is the best estimate of the cost of each audio book?

A. $7

B. $9

C. $11

D. $13

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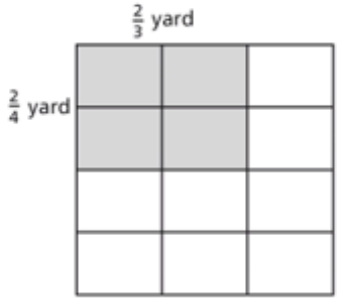
32. Use the model below to find the area of the shaded region.



A. $\frac{4}{7}$ square yard

B. $\frac{1}{2}$ square yard

C. $\frac{1}{3}$ square yard

D. $\frac{1}{4}$ square yard

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33. Which statement is **NOT** true?

A. Every square is a rhombus.

B. Every square is a rectangle.

C. Every rhombus is a parallelogram.

D. Every trapezoid is a parallelogram.

34. Samir can rent a moving truck from Company A for $135 plus $0.50 per mile or from Company B for $125 plus $0.70 per mile. Which statement is true?

A. Renting from Company A will always be cheaper.

B. Renting from Company B will always be cheaper.

C. Renting from both companies will cost the same if Samir drives the truck 50 miles.

D. Renting from Company B will be cheaper if Samir drives the truck 100 miles.

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35. Annie borrowed $354 from her parents to buy a tablet. She plans to pay the money back in 2 equal payments per month for the next 12 months. How much will each payment be?

A. $29.50

B. $14.75

C. $14.58

D. $17.70

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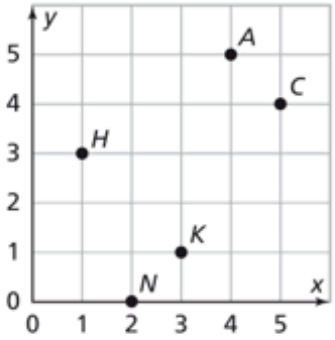
36. Name the ordered pair for point *H*.



A. (3, 1)

B. (1, 3)

C. (0, 3)

D. (3, 0)

Name _____

Decimal Operations Color by Number: Dolphins

Solve each problem. Show your work. Then, look for the problem answer in the picture, and color that part of the picture the color listed by the problem.

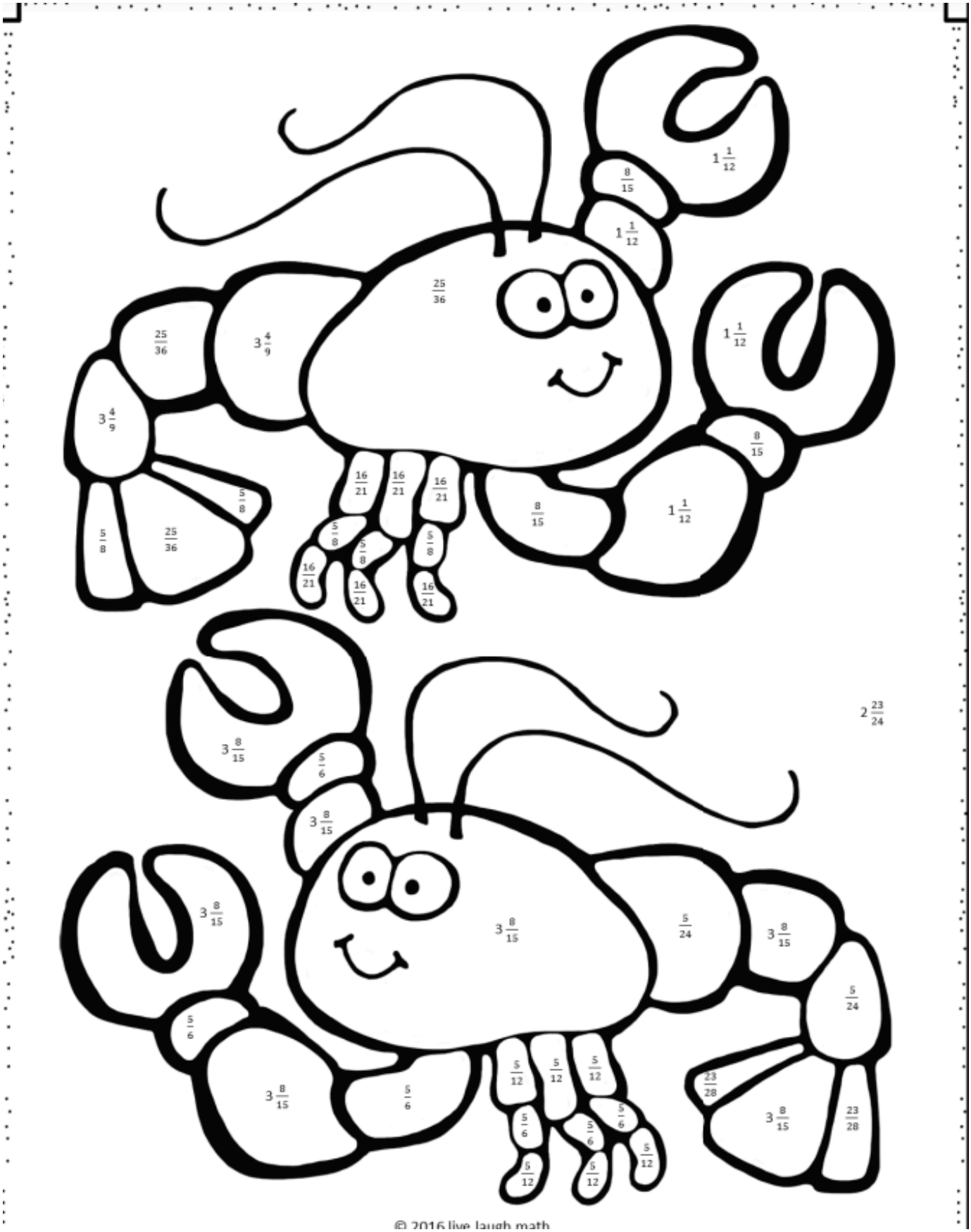
1 $5.26 + 2.7 =$ **Purple**	2 $19.3 - 5.74 =$ **Blue**	3 $45 + 6.8 =$ **Blue**
4 $0.58 \times 0.2 =$ **Yellow**	5 $5.28 \times 0.7 =$ **Orange**	6 $7.3 \times 2.6 =$ **Purple**
7 $0.92 \div 0.4 =$ **Blue**	8 $3.76 \div 0.02 =$ **Purple**	9 $2.6 \div 0.5 =$ **Yellow**
10 Sally started with $50. Then, she bought 5 books that cost $9.50 each. How much money does she have left? **Purple**	11 Cara has 19.5 ounces of fudge. She splits the fudge into containers that each hold 1.5 ounces. How many containers of fudge does she have? **Yellow**	12 George has 2.6 pounds of apples. He eats 0.25 pounds of apples on Monday, 0.2 pounds on Tuesday, and 0.27 pounds on Wednesday. How many pounds of apple does George have left? **Blue**

Name _____

Add/Subtract Fractions Color by Number: Lobsters

Solve each problem. Show your work. Then, look for the problem answer in the picture, and color that part of the picture the color listed by the problem. (Fraction answers are simplified.)

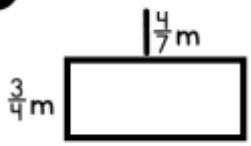
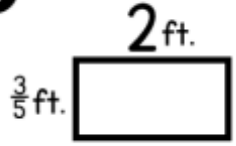
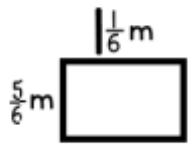
1 $\frac{3}{5} - \frac{1}{15} =$ Orange	2 $\frac{1}{3} + \frac{3}{7} =$ Orange	3 $\frac{5}{6} - \frac{5}{12} =$ Blue
4 $\frac{3}{8} + \frac{1}{4} =$ Yellow	5 $\frac{7}{9} - \frac{1}{12} =$ Red	6 $2\frac{4}{7} - 1\frac{3}{4} =$ Purple
7 $1\frac{2}{3} + 1\frac{7}{9} =$ Yellow	8 $2\frac{1}{4} - 1\frac{5}{12} =$ Purple	9 $1\frac{5}{6} + 1\frac{7}{10} =$ Green
10 Dee rode her bike $\frac{7}{12}$ of a mile. Jay rode his bike $\frac{3}{8}$ of a mile. How much farther did Dee ride her bike compared to Jay? Blue	11 Ally travelled 1 mile to school, $1\frac{1}{8}$ miles to the library, and $\frac{5}{6}$ of a mile back to her house. What is the total distance she travelled? Brown	12 The Franks started with 2 pizzas. Mr. Frank ate $\frac{1}{2}$ of a pizza, and Mrs. Frank ate $\frac{5}{12}$ of a pizza. How much pizza is left? Red

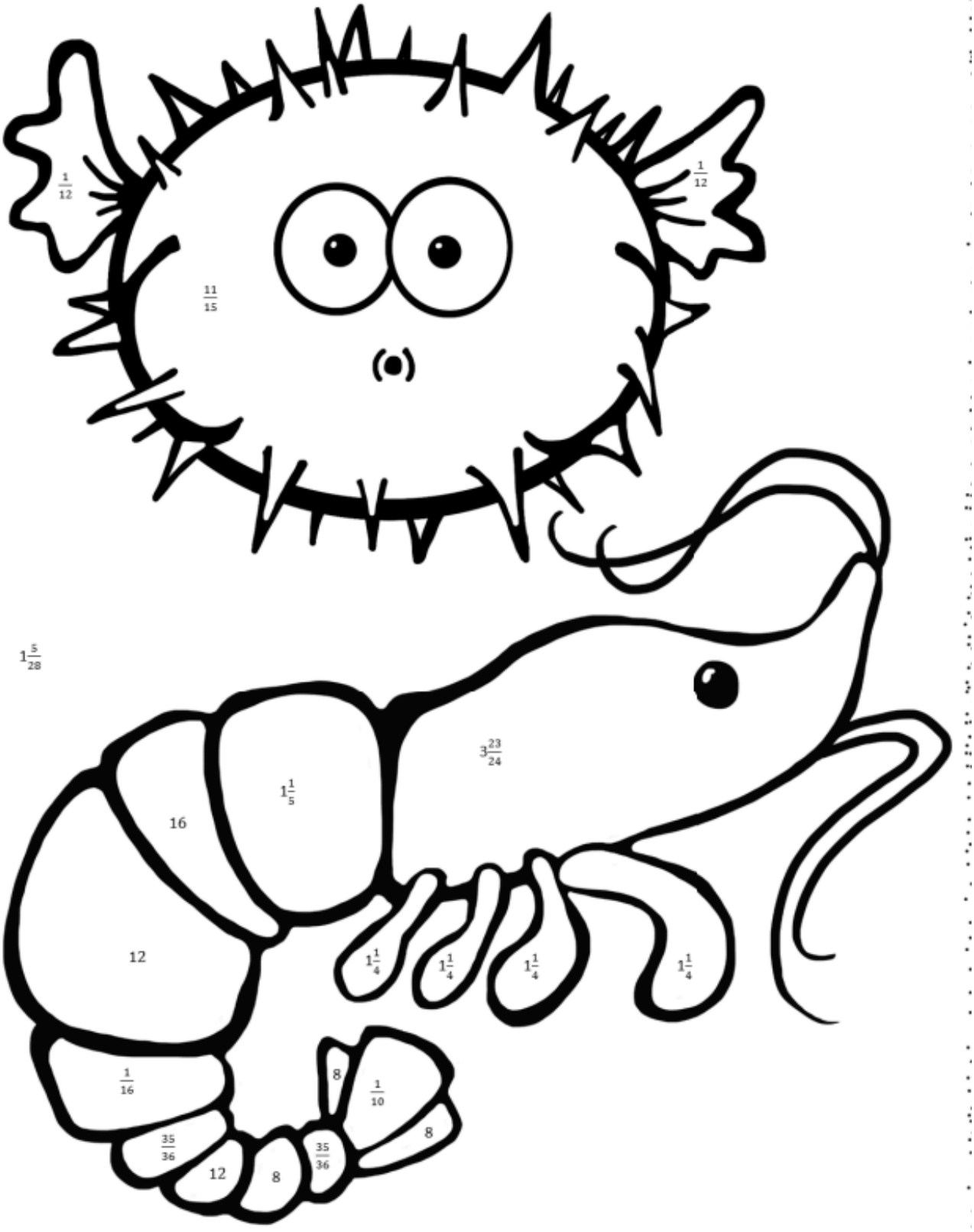


Name _____

Multiply/Divide Fractions Color by Number: Shrimp & Fish

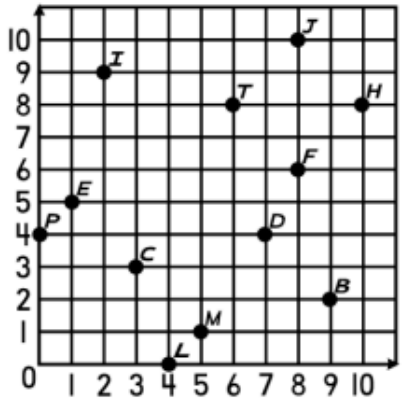
Solve each problem. Show your work. Then, look for the problem answer in the picture, and color that part of the picture the color listed by the problem. (Fraction answers are simplified.)

1 $3 \times \frac{5}{12} =$ Orange	2 $\frac{4}{5} \times \frac{11}{12} =$ Purple	3 $2\frac{3}{8} \times 1\frac{2}{3} =$ Red
4 Find the Area:  A= _____ sq. meters Blue	5 Find the Area:  A= _____ sq. ft. Yellow	6 Find the Area:  A= _____ sq. meters Orange
7 $\frac{1}{4} \div 3 =$ Green	8 $6 \div \frac{1}{2} =$ Red	9 $2 \div \frac{1}{8} =$ Orange
10 $\frac{1}{4} \div 4 =$ Yellow	11 Five people decide to share ½ of a cake. How much cake will each person get? Red	12 It takes 2/3 of a foot of ribbon to make a bookmark. How many feet of ribbon do you need to make 12 bookmarks? Yellow



Name _____

Coordinate Plane Color by Coordinates: Sea Turtle



Label the x-axis, the y-axis, and the origin.

Then, write the coordinates of each point below. Finally, look for the ordered pairs in the picture and color that section of the picture the color listed by the letters.

Brown- B: _____ Orange- I: _____

Brown- C: _____ Green- J: _____

Green- D: _____ Yellow- L: _____

Yellow- E: _____ Green- M: _____

Orange- F: _____ Orange- P: _____

Brown- H: _____ Green- T: _____