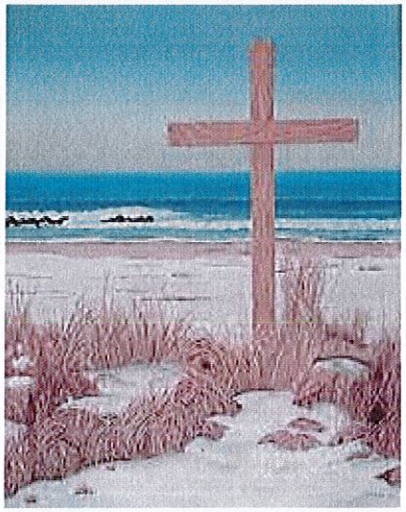
HOLY CROSS ACADEMY
RUMSON, NJ

Incoming 6th Grade

Holy Cross Academy
2025 Summer Assignments



Dear Students:

Get ready to shine brighter than the sun! As we end another terrific school year and look forward to the sunny days of summer, our learning journey continues with the attached summer reading and math packets. Our summer assignments aren't just tasks; they are your passport to a summer filled with growth and enrichment. So, let's dive in together, embrace the warmth of learning, and make this summer one to remember! Please complete and bring the assignments with you on the first day of school in September.

Enjoy the many blessings of summer!

Math Review Packet

THIS BELONGS TO:

_____

COLOR BY NUMBERS

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Name _____

Order of Operations Color by Number: Seagull

Solve each word 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 $152 - 48 \div 4 + 4$ Yellow	2 $12 \times [80 \div (2 + 2)]$ Green
3 $64 \div [24 \div (1 + 2)] \times 2$ Brown	4 $10^3 - 405 \div 5 \times 3$ Purple
5 $10 - 5 \div 10^2 + 0.4 \times (4 + 0.2)$ Yellow	6 $1.2 \times 10^2 - [14 \div (0.3 + 0.4)]$ Blue
7 $50 \div \{[18 \div (3 + 6)] \times 5\}$ Brown	8 $(40 - 5) \times (3 + 17)$ Orange

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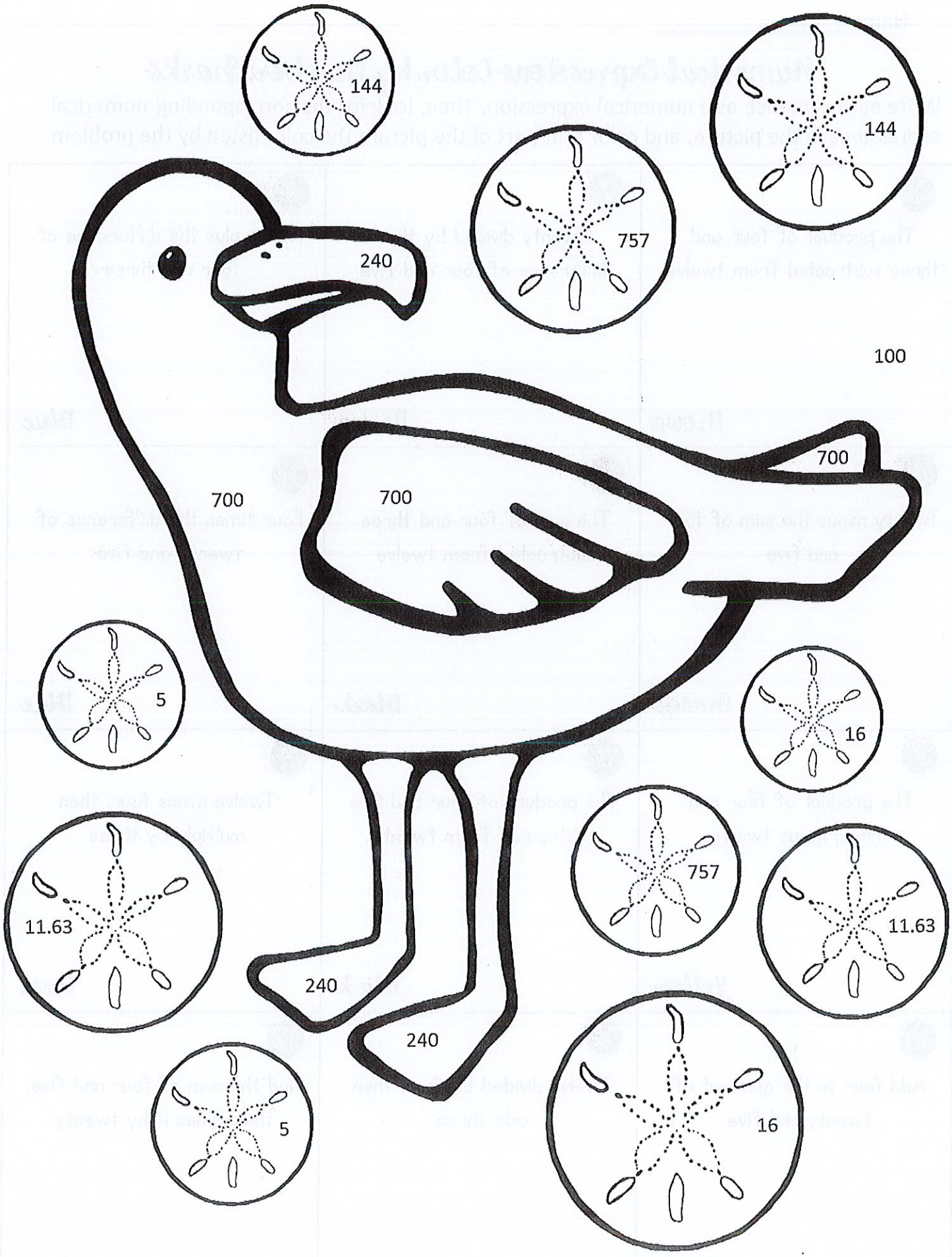

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Name _____

Numerical Expressions Color by Number: Sharks

Write each sentence as a numerical expression. Then, look for the corresponding numerical expressions in the picture, and color that part of the picture the color listed by the problem.

1 The product of four and three subtracted from twelve — Brown	2 Twenty divided by the difference of four and five — Brown	3 Twelve plus the difference of four and three — Blue
4 Twenty minus the sum of four and five — Orange	5 The sum of four and three subtracted from twelve — Black	6 Four times the difference of twenty and five — Blue
7 The product of four and three, minus twelve — Yellow	8 The product of four and five subtracted from twenty — Black	9 Twelve minus four, then multiply by three — Green
10 Add four to the quotient of twenty and five — Purple	11 Twelve divided by four, then add three — Purple	12 Find the sum of four and five, then times it by twenty — Green

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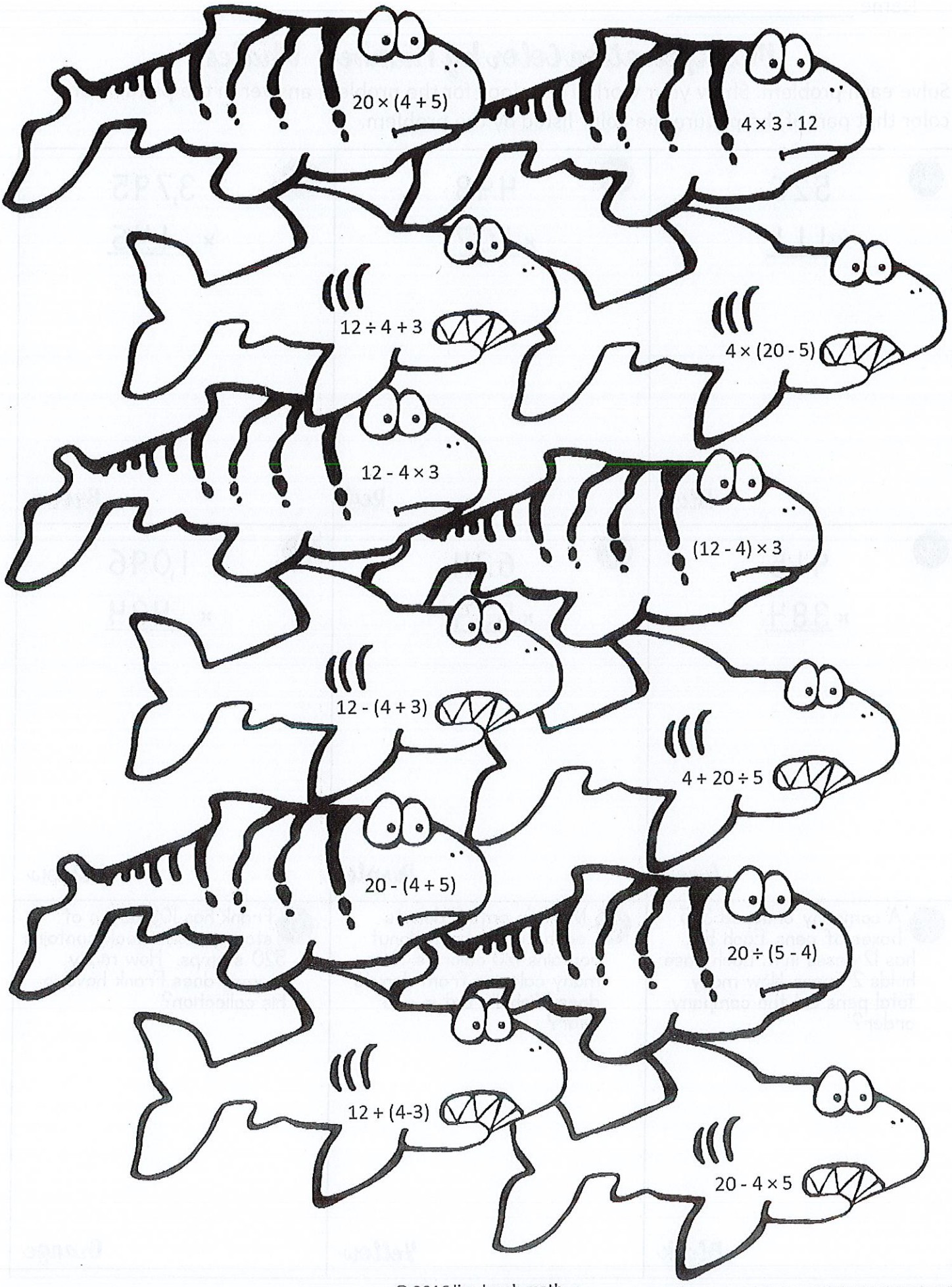

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Name _____

Multiplication Color by Number: Whales

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.

1 526×111 Blue	2 498×107 Red	3 $3{,}795 \times 146$ Brown
4 915×384 Green	5 624×539 Purple	6 $1{,}096 \times 434$ Yellow
7 A company ordered 325 boxes of pens. Each box has 12 cases in it. Each case holds 24 pens. How many total pens did the company order? Black	8 Michelle eats 5 donuts each month. Each donut contains 120 calories. How many calories from donuts does Michelle eat in one year? Yellow	9 Frank has 105 books of stamps. Each book contains 520 stamps. How many stamps does Frank have in his collection? Orange

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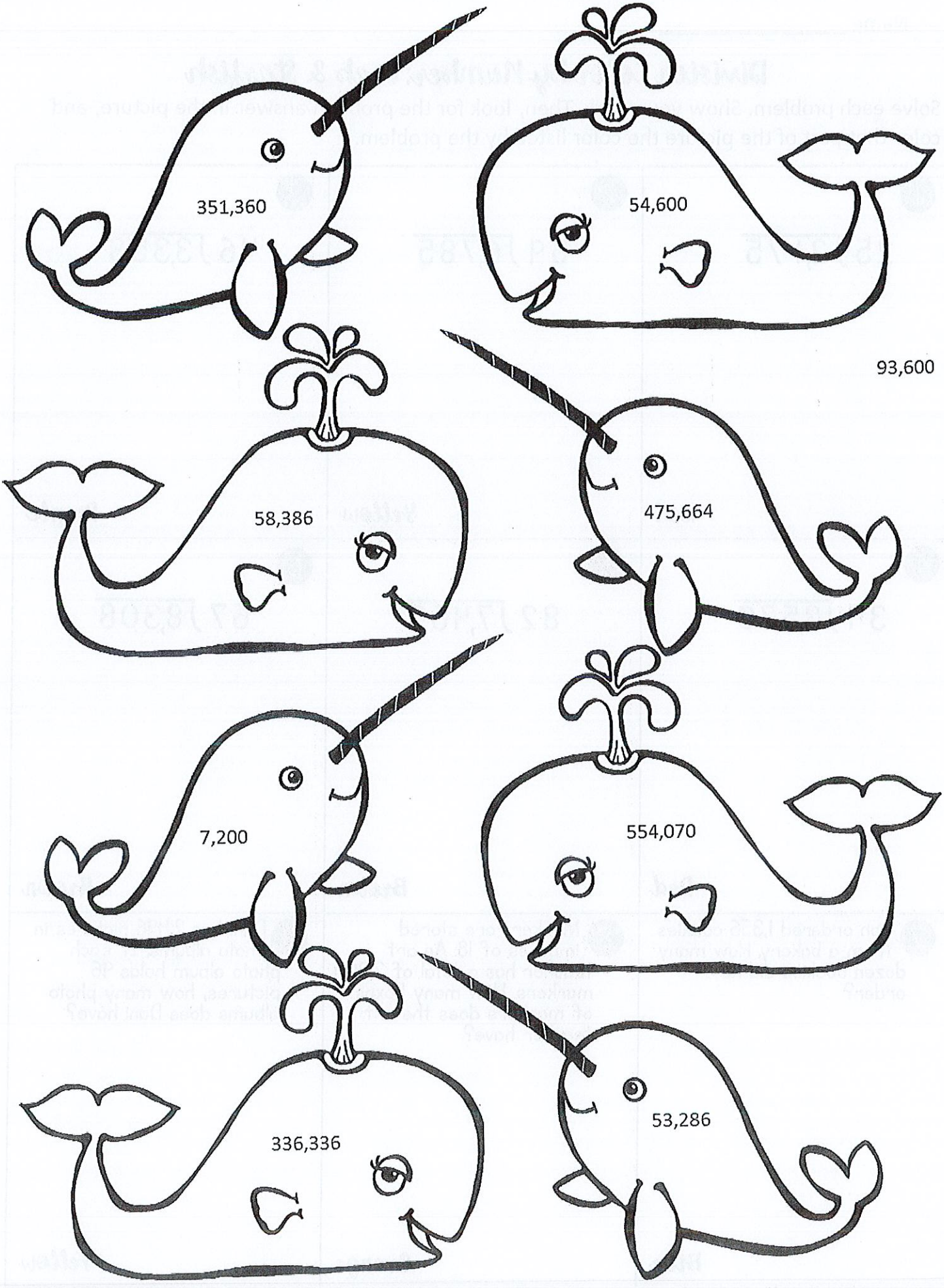

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Name _____

Division Color by Number: Crab & Starfish

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 $25\overline{)2{,}175}$ Red	2 $59\overline{)6{,}785}$ Yellow	3 $46\overline{)3{,}358}$ Purple
4 $34\overline{)3{,}570}$ Red	5 $82\overline{)7{,}462}$ Brown	6 $67\overline{)8{,}308}$ Brown
7 Ron ordered 1,356 cookies from a bakery. How many dozen cookies did he order? Blue	8 Markers are stored in boxes of 18. An art teacher has a total of 2,304 markers. How many boxes of markers does the art teacher have? Orange	9 Dani has 2,496 pictures in photo albums. If each photo album holds 96 pictures, how many photo albums does Dani have? Yellow

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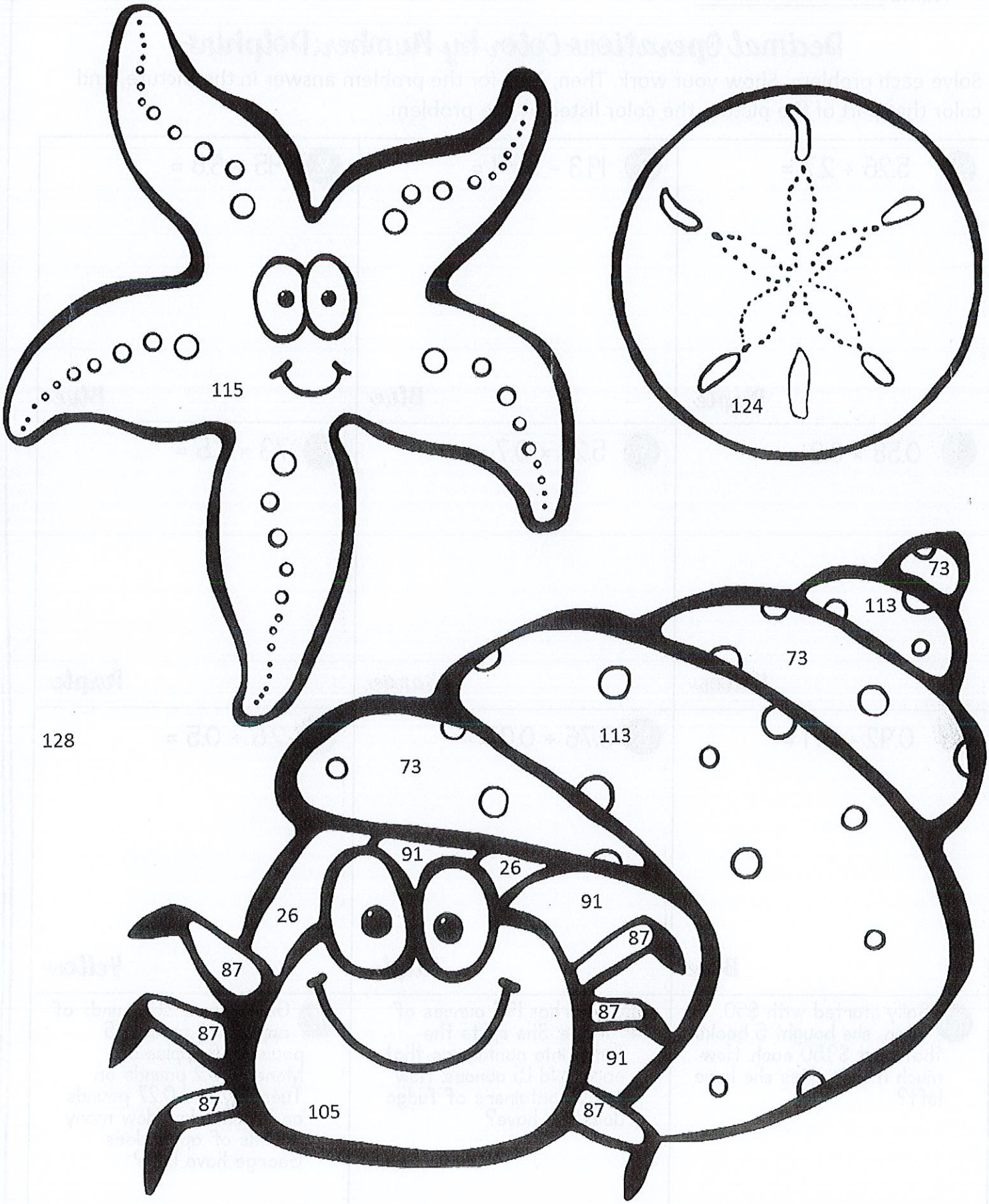

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Name _____

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

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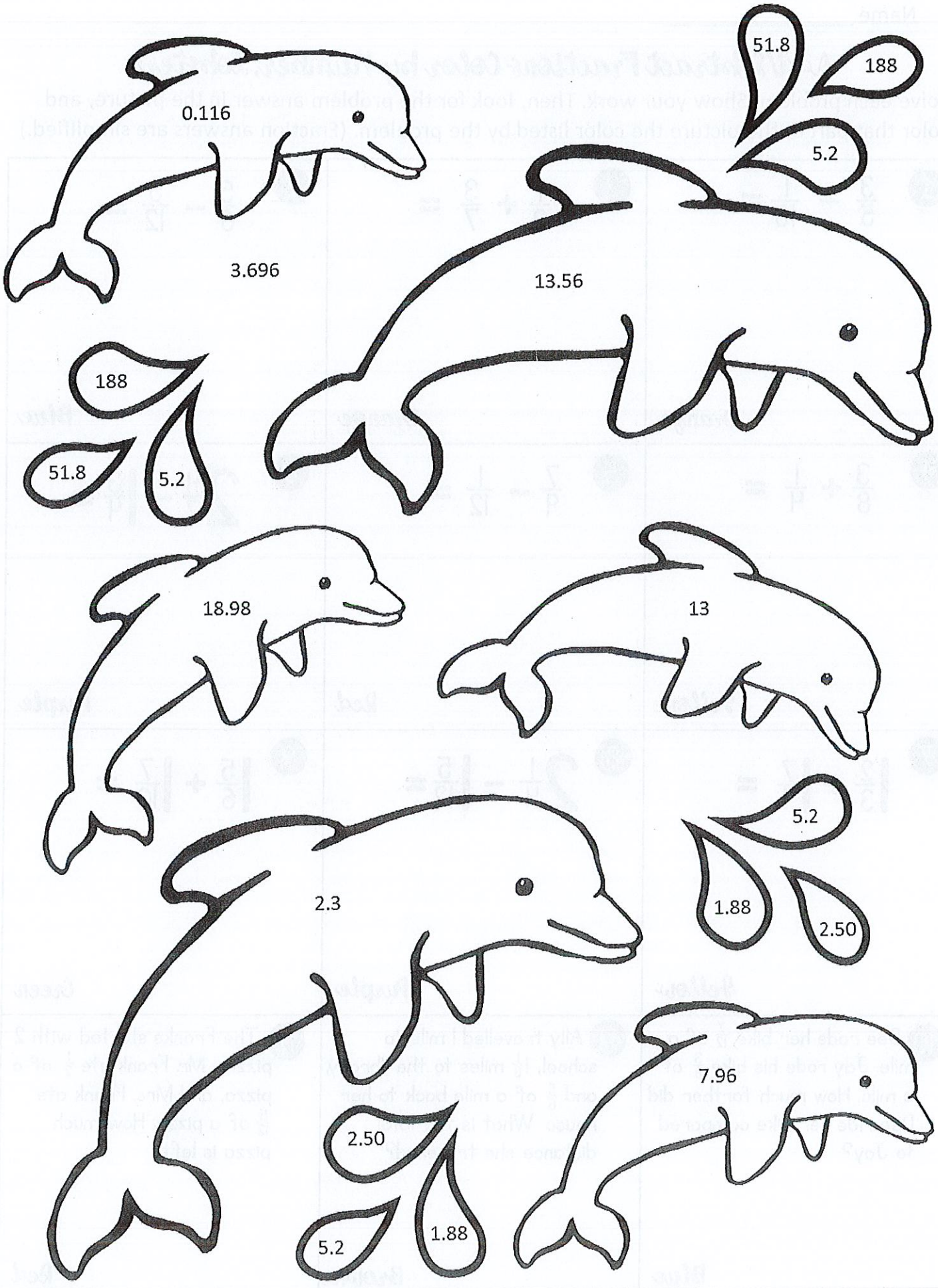

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Name _____

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

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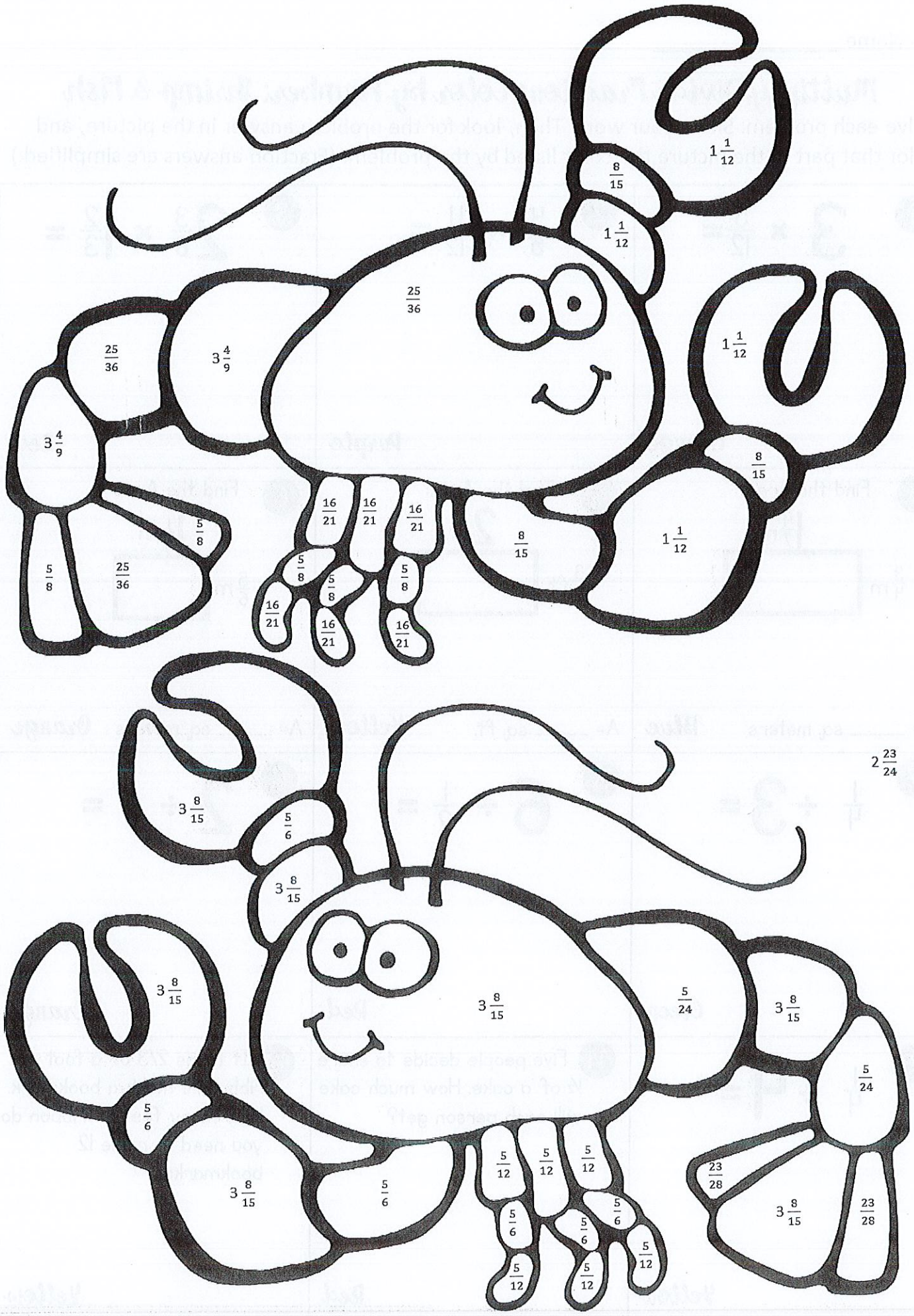

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Name _____

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

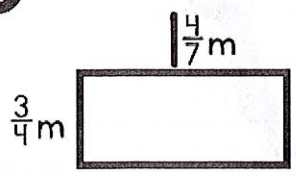
2 $\frac{4}{5} \times \frac{11}{12} =$

Purple

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

Red

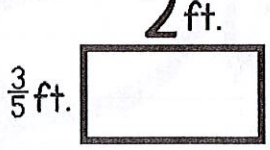
4 Find the Area:



A= _____ sq. meters

Blue

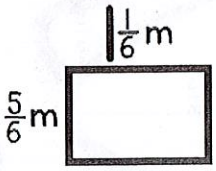
5 Find the Area:



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

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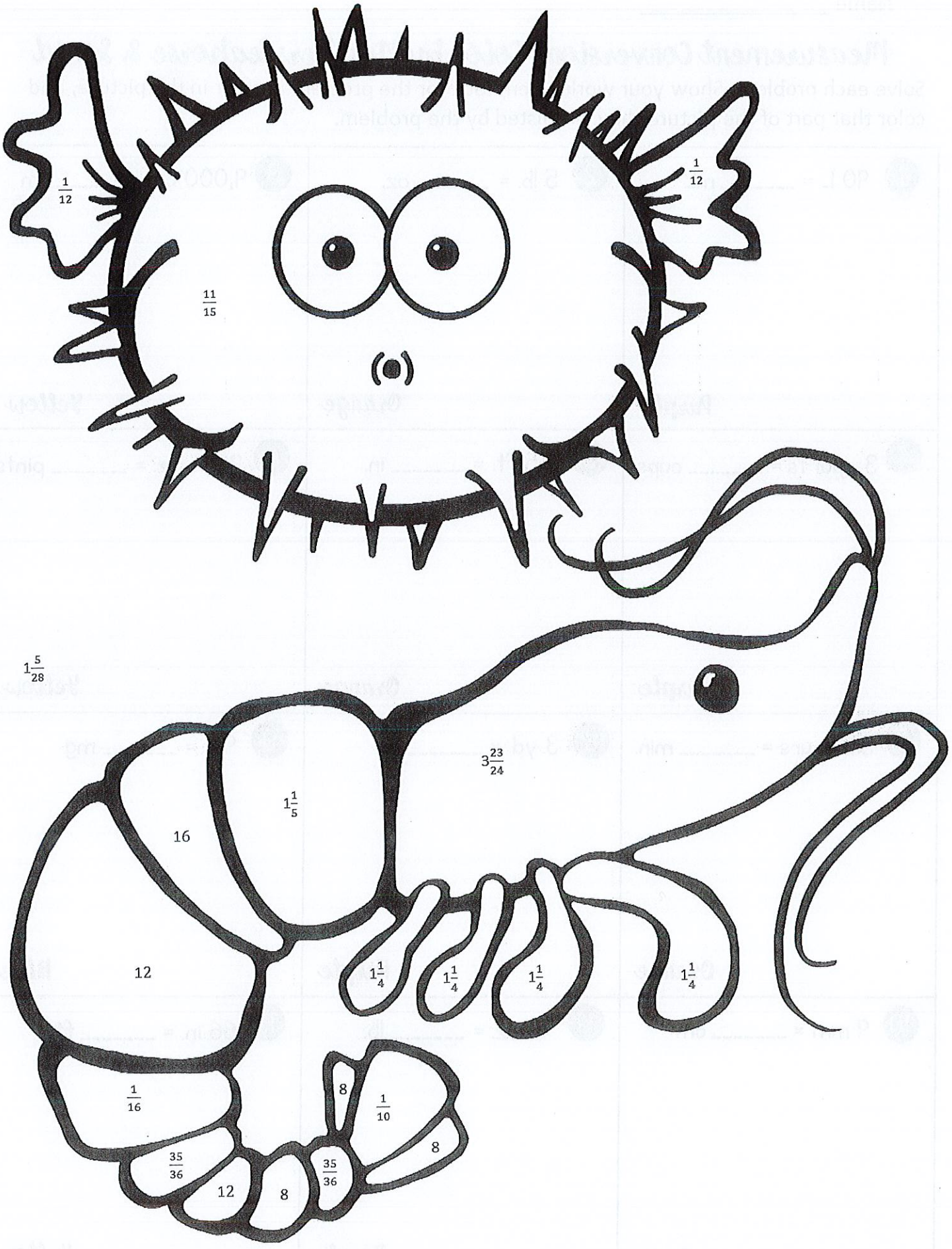

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Name _____

Measurement Conversions Color by Number: Seahorse & Squid

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 90 L = _____ mL Purple	2 5 lb. = _____ oz. Orange	3 9,000 cm = _____ m Yellow
4 3 quarts = _____ cups Purple	5 3.5 ft. = _____ in. Orange	6 32 fl. oz. = _____ pints Yellow
7 3.5 hours = _____ min. Orange	8 3 yd. = _____ in. Purple	9 9 g = _____ mg Blue
10 9 mm = _____ cm Green	11 40 oz. = _____ lb. Purple	12 66 in. = _____ ft. Yellow

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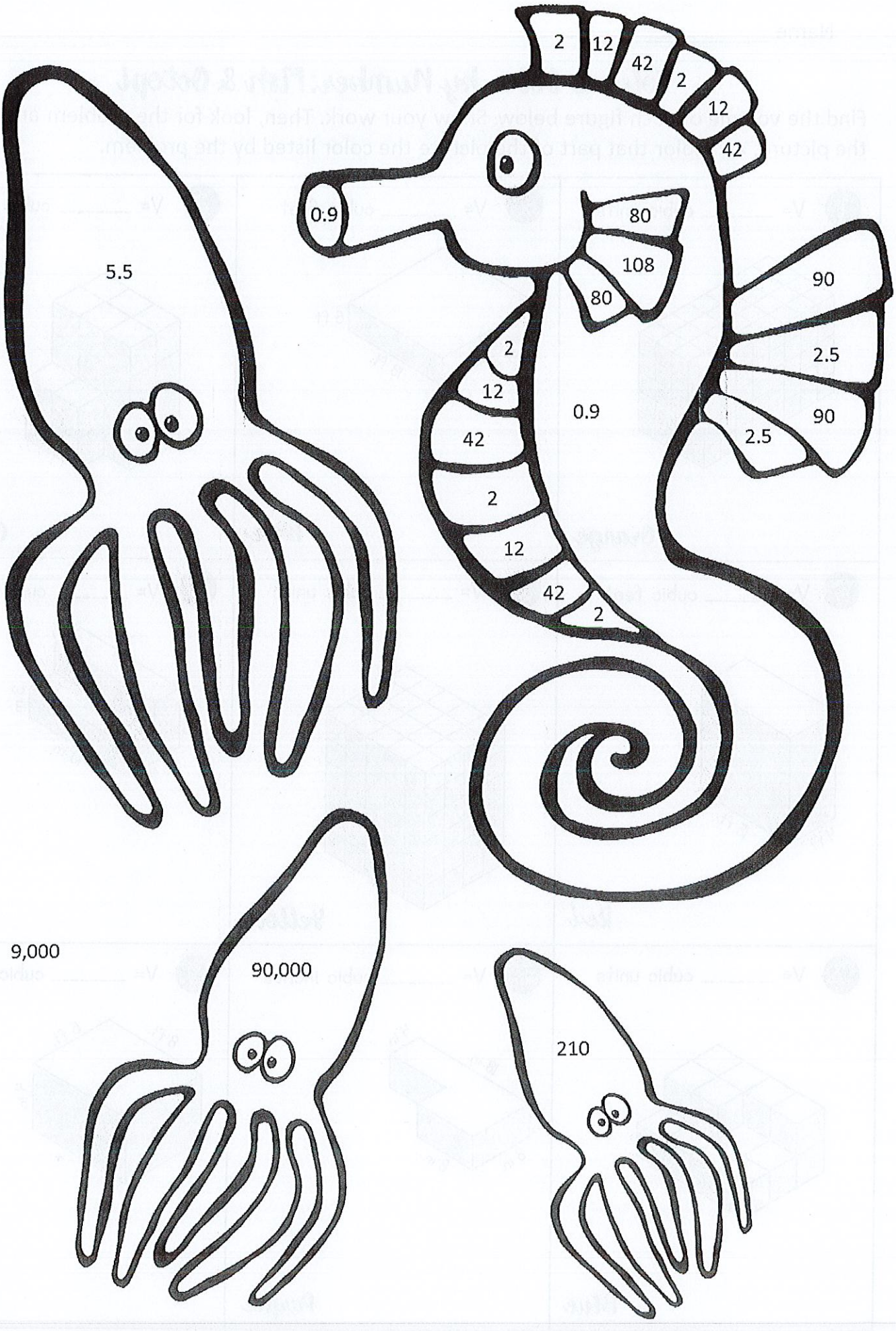

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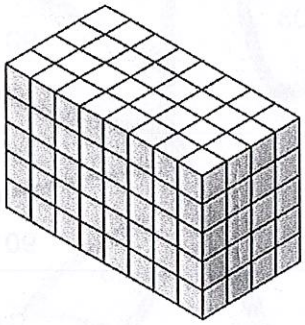
Name _____

Volume Color by Number: Fish & Octopi

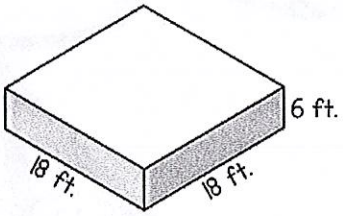
Find the volume of each figure below. Show your work. Then, look for the problem answer in the picture, and color that part of the picture the color listed by the problem.

1 V= _____ cubic units



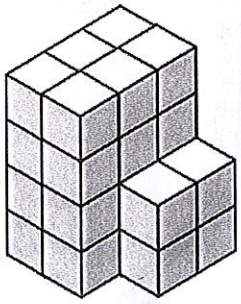
Orange

2 V= _____ cubic feet



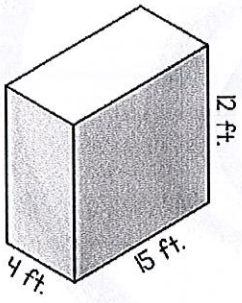
Blue

3 V= _____ cubic units



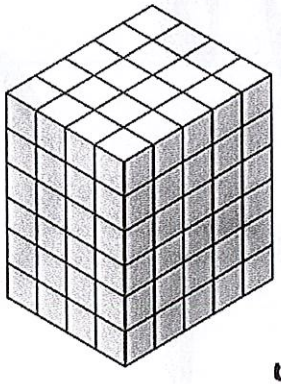
Orange

4 V= _____ cubic feet



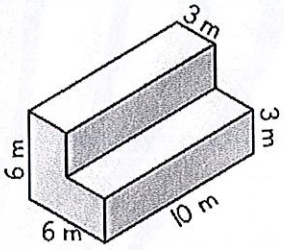
Red

5 V= _____ cubic units



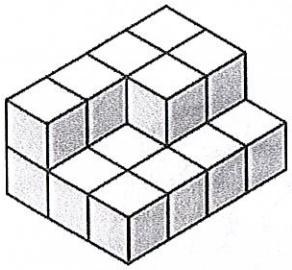
Yellow

6 V= _____ cubic meters



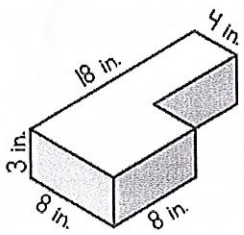
Green

7 V= _____ cubic units



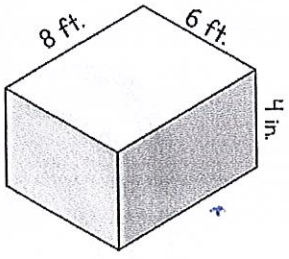
Blue

8 V= _____ cubic inches



Purple

9 V= _____ cubic feet



Yellow

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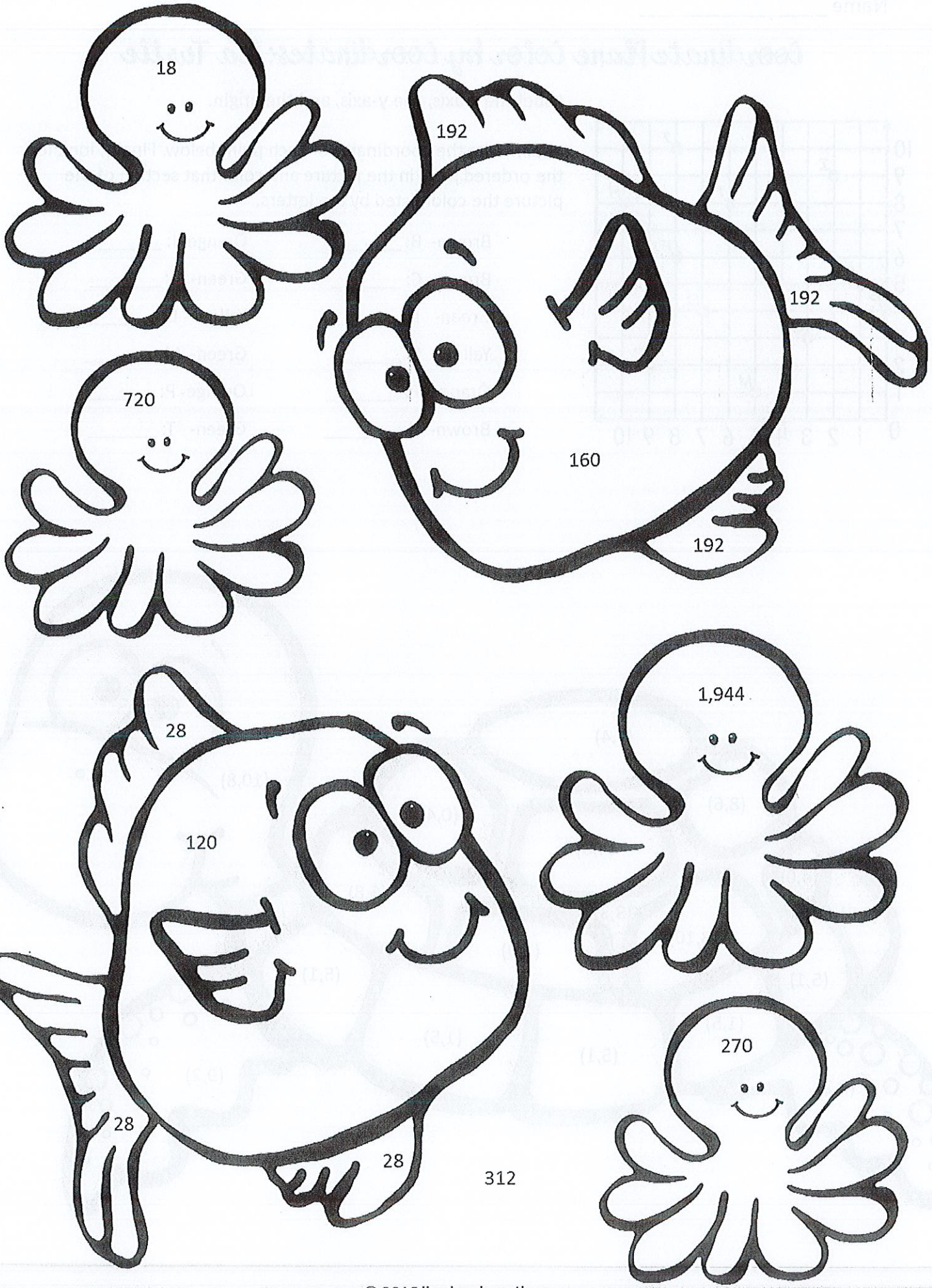

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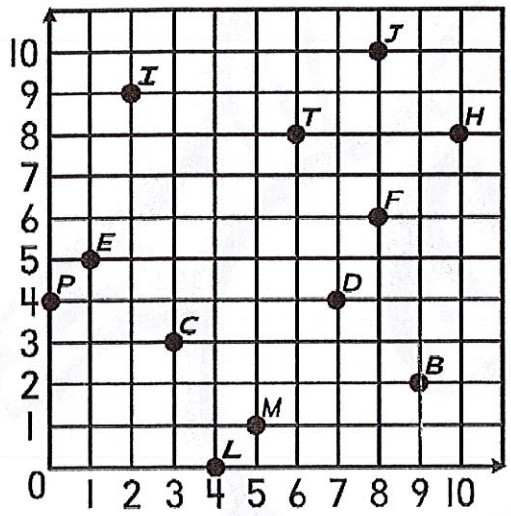
Name _____

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: _____

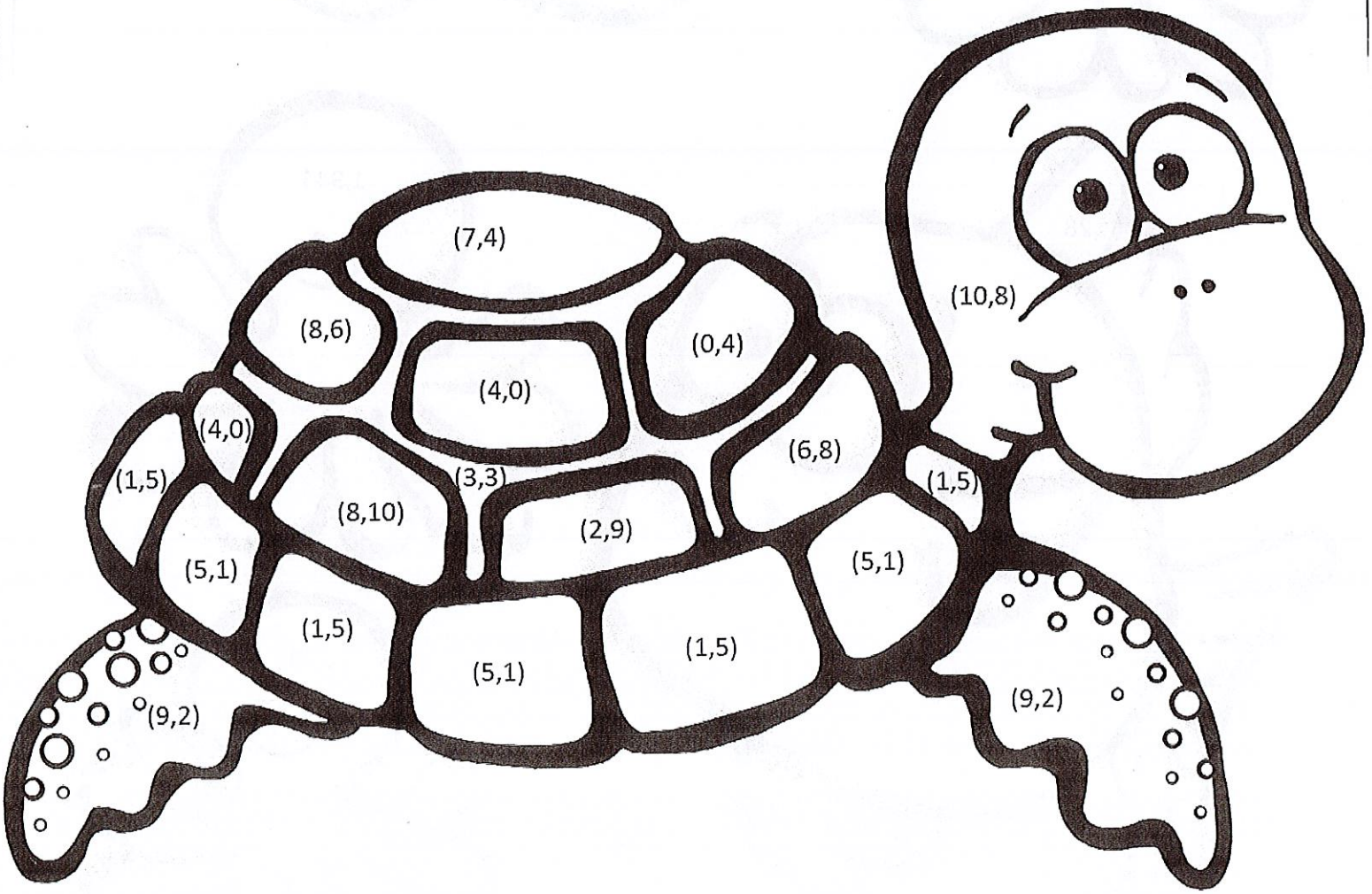
Brown- C: _____ Green- J: _____

Green- D: _____ Yellow- L: _____

Yellow- E: _____ Green- M: _____

Orange- F: _____ Orange- P: _____

Brown- H: _____ Green- T: _____



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