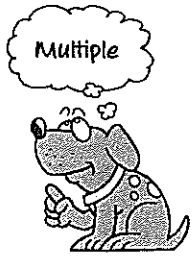
REVIEW: Multiplication Facts

Name _____

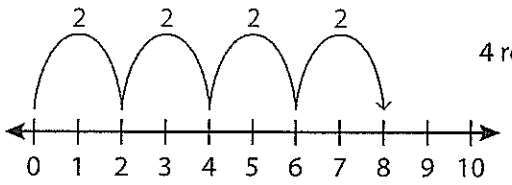
Key Concept and Vocabulary

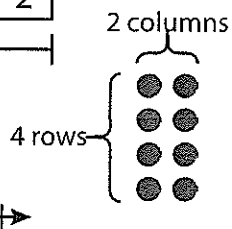
$1 \times 2 = 2$ ← multiples of 2
$2 \times 2 = 4$
$3 \times 2 = 6$
$4 \times 2 = 8$
$5 \times 2 = 10$
$6 \times 2 = 12$
$7 \times 2 = 14$
$8 \times 2 = 16$
$9 \times 2 = 18$
$10 \times 2 = 20$



Visual Models

Find 4×2.





$2 + 2 + 2 + 2 = 8$

$4 \times 2 = 8$ or $\begin{array}{r} 4 \\ \times\ 2 \\ \hline 8 \end{array}$

Skill Examples

1. $10 \times 3 = 30$
2. $7 \times 4 = 28$
3. $0 \times 5 = 0$
4. $4 \times 6 = 24$
5. $6 \times 7 = 42$
6. $3 \times 8 = 24$
7. $\begin{array}{r} 9 \\ \times\ 9 \\ \hline 81 \end{array}$
8. $\begin{array}{r} 1 \\ \times\ 10 \\ \hline 10 \end{array}$

Application Example

9. Find the area of a rectangular rug that is 5 feet wide and 8 feet long.

Area = (length)(width)
$= 8 \times 5$
= 40 square feet

∴ The area is 40 square feet.

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Check your answers at BigIdeasMath.com.

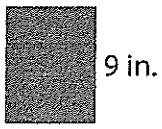
Find the product.

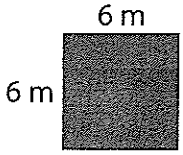
10. $1 \times 4 =$ _____
11. $3 \times 5 =$ _____
12. $6 \times 8 =$ _____
13. $3 \times 0 =$ _____

14. $\begin{array}{r} 9 \\ \times\ 6 \\ \hline \end{array}$
15. $\begin{array}{r} 10 \\ \times\ 7 \\ \hline \end{array}$
16. $\begin{array}{r} 0 \\ \times\ 1 \\ \hline \end{array}$
17. $\begin{array}{r} 7 \\ \times\ 3 \\ \hline \end{array}$
18. $\begin{array}{r} 5 \\ \times\ 5 \\ \hline \end{array}$
19. $\begin{array}{r} 8 \\ \times\ 4 \\ \hline \end{array}$
20. $\begin{array}{r} 6 \\ \times\ 10 \\ \hline \end{array}$
21. $\begin{array}{r} 5 \\ \times\ 9 \\ \hline \end{array}$

Find the area of the rectangle.

22. 

23. 

24. 

Area = _____ Area = _____ Area = _____

25. **PHOTOGRAPHS** You take 6 photographs each day for 5 days. How many photographs do you take in all? _____

26. **BAND CONCERT** A music teacher needs to make 4 rows of 9 chairs each for a band concert. He has 35 chairs. Does he have enough chairs for the band concert? Explain. _____

_____

REVIEW: Division Facts

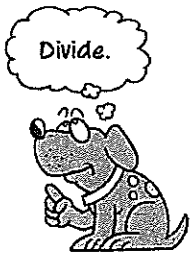
Name _____

Key Concept and Vocabulary

Find $8 \div 2$.

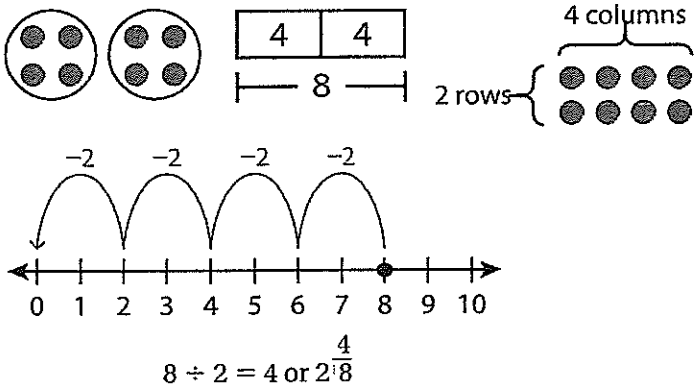
Think: 2 times what number is 8?

$2 \times 4 = 8$. So, $8 \div 2 = 4$.



Visual Models

Find $8 \div 2$.



$8 \div 2 = 4$ or $2\overline{)8}$

Skill Examples

1. $0 \div 6 = 0$
2. $7 \div 1 = 7$
3. $18 \div 2 = 9$
4. $24 \div 3 = 8$
5. $4 \div 4 = 1$
6. $15 \div 5 = 3$
7. $36 \div 6 = 6$
8. $14 \div 7 = 2$
9. $8\overline{)40}$
10. $9\overline{)90}$

Application Example

11. You and a friend play a flip and find game. You arrange 32 cards in 4 equal rows. How many cards are in each row?

$32 \div 4 = 8$

∴ There are 8 cards in each row.

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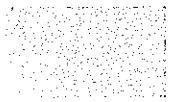
Check your answers at BigIdeasMath.com.

Find the quotient.

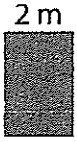
12. $50 \div 5 =$ _____
13. $16 \div 8 =$ _____
14. $12 \div 1 =$ _____
15. $48 \div 6 =$ _____
16. $3\overline{)0}$
17. $4\overline{)28}$
18. $7\overline{)42}$
19. $3\overline{)27}$

Find the length of the missing side of the rectangle.

20. 

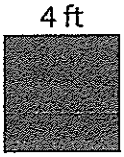
_____ in.

Area = 45 square inches

21. 

_____ m

Area = 6 square meters

22. 

_____ ft

Area = 16 square feet

23. **SUMMER CAMP** There are 54 girls at a summer camp. The girls are divided equally into 6 cabins. How many girls are in each cabin? _____

24. **RECYCLING** You recycle the same number of bottles each day for 7 days. You recycle 29 plastic bottles and 27 glass bottles altogether. How many bottles do you recycle each day? Explain. _____

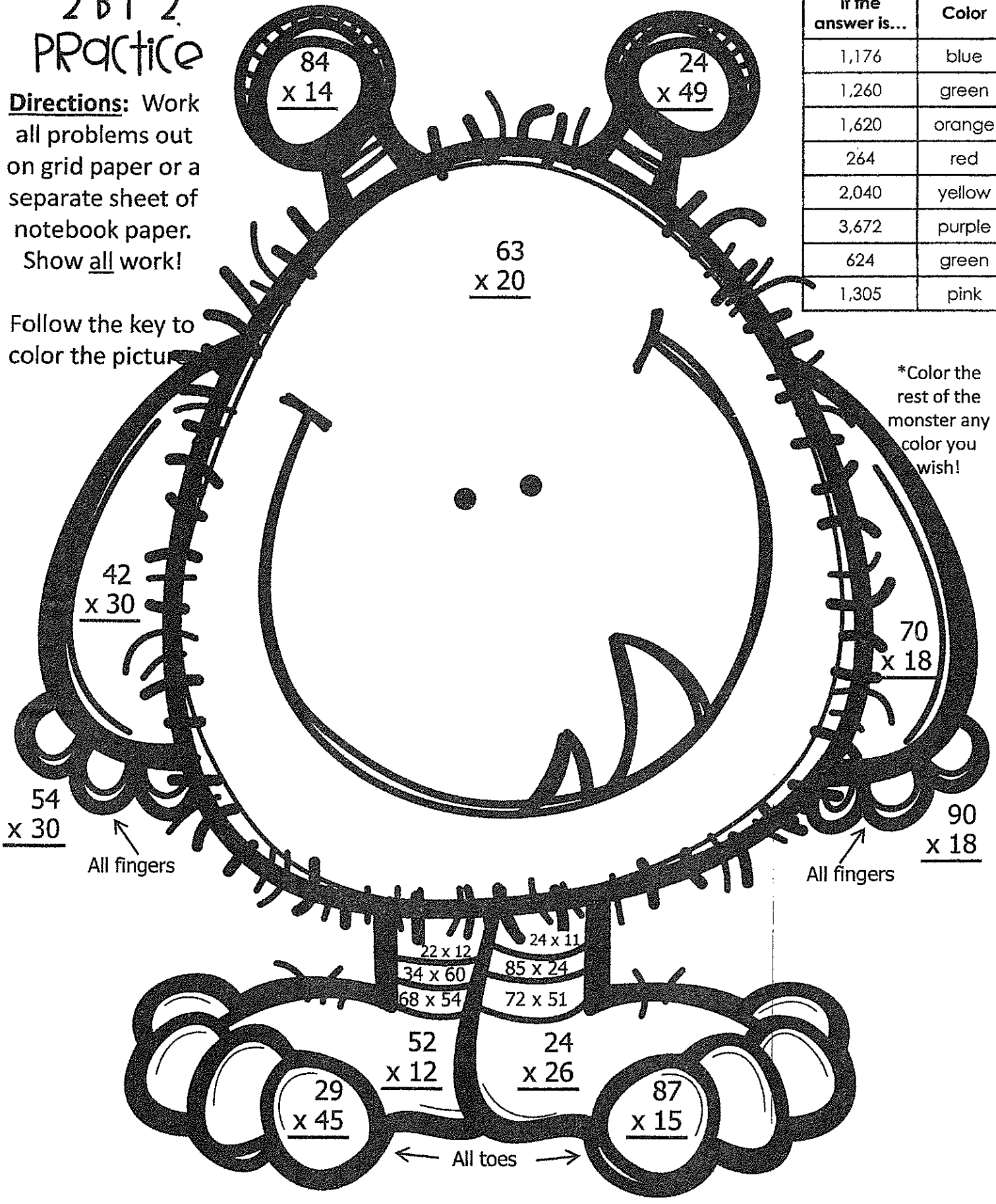
COLOR BY NUMBER Name _____

2 BY 2 PRACTICE

Directions: Work all problems out on grid paper or a separate sheet of notebook paper. Show all work!

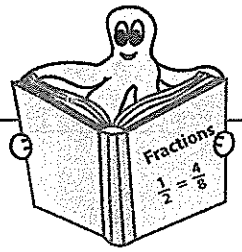
Follow the key to color the picture.

If the answer is...	Color
1,176	blue
1,260	green
1,620	orange
264	red
2,040	yellow
3,672	purple
624	green
1,305	pink



*Color the rest of the monster any color you wish!

Name : _____ Score : _____



Missing Numbers

ES1

Fill in the missing numbers.

1) $\frac{3}{4} = \frac{\quad}{8}$

2) $\frac{5}{\quad} = \frac{20}{12}$

3) $\frac{11}{2} = \frac{33}{\quad}$

4) $\frac{35}{25} = \frac{\quad}{5}$

5) $\frac{\quad}{14} = \frac{16}{28}$

6) $\frac{6}{\quad} = \frac{24}{36}$

7) $\frac{\quad}{15} = \frac{8}{3}$

8) $\frac{10}{3} = \frac{\quad}{9}$

9) $\frac{12}{16} = \frac{\quad}{8}$

10) $\frac{4}{7} = \frac{16}{\quad}$

11) $\frac{1}{\quad} = \frac{5}{50}$

12) $\frac{\quad}{27} = \frac{7}{9}$

13) $\frac{39}{12} = \frac{13}{\quad}$

14) $\frac{9}{2} = \frac{\quad}{10}$

15) $\frac{\quad}{6} = \frac{12}{24}$

16) $\frac{4}{\quad} = \frac{8}{18}$

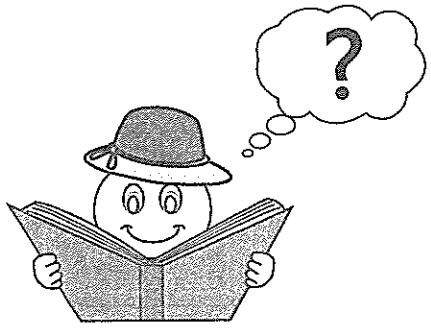
Name : _____ Score : _____

Who Am I ?

T1S1

1) I have 2 in the denominator.
I am equivalent to $\frac{2}{4}$.
What fraction am I ?

_____



2) I have 3 in the numerator.
I am equivalent to $\frac{21}{35}$.
What fraction am I ?

_____

3) I have 63 in the denominator.
I am equivalent to $\frac{2}{7}$.
What fraction am I ?

_____

4) I have 45 in the denominator.
I am equivalent to $\frac{4}{9}$.
What fraction am I ?

_____

5) I have 5 in the numerator.
I am equivalent to $\frac{15}{18}$.
What fraction am I ?

_____

6) I have 1 in the numerator.
I am equivalent to $\frac{4}{24}$.
What fraction am I ?

_____

7) I have 24 in the denominator.
I am equivalent to $\frac{2}{3}$.
What fraction am I ?

_____