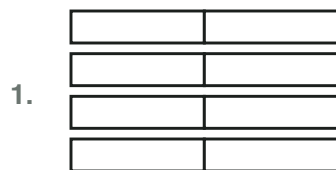


Dividing Fractions: Guided Practice

Name: _____

A. Each bar is one whole. Count the pieces to find how many fit.



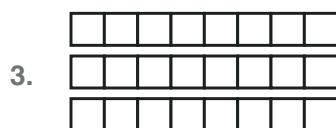
How many halves are in 4?

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



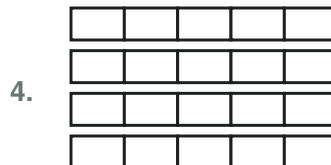
How many sixths are in 2?

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



How many eighths are in 3?

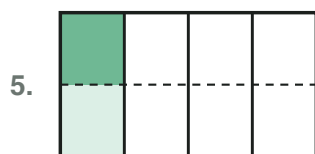
$$3 \div \frac{1}{8} = \boxed{}$$



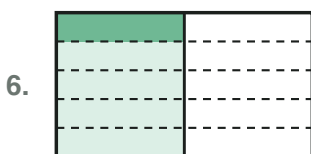
How many fifths are in 4?

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

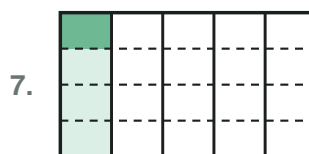
B. One piece is shaded and cut into equal shares. What fraction of the whole is one dark share?



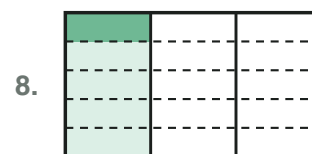
$$\frac{1}{4} \div 2 = \frac{1}{\boxed{}}$$



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



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



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

C. Use the rules. Fill in the boxes.

9. $7 \div \frac{1}{5} = 7 \times \boxed{} = \boxed{}$

10. $\frac{1}{8} \div 4 = \frac{1}{\boxed{} \times \boxed{}} = \frac{1}{\boxed{}}$

11. $5 \div \frac{1}{6} = 5 \times \boxed{} = \boxed{}$

12. $\frac{1}{7} \div 3 = \frac{1}{\boxed{} \times \boxed{}} = \frac{1}{\boxed{}}$

D. Divide. Then check your answer with multiplication.

13. $5 \div \frac{1}{5} = \boxed{}$ Check: $\boxed{} \times \frac{1}{5} = \boxed{}$

14. $\frac{1}{9} \div 2 = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$ Check: $\frac{\boxed{}}{\boxed{}} \times 2 = \frac{\boxed{}}{\boxed{}}$

15. $7 \div \frac{1}{2} = \boxed{}$ Check: $\boxed{} \times \frac{1}{2} = \boxed{}$

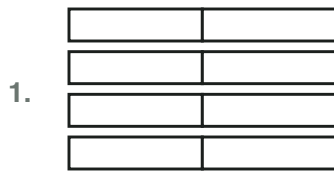
16. $\frac{1}{6} \div 5 = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$ Check: $\frac{\boxed{}}{\boxed{}} \times 5 = \frac{\boxed{}}{\boxed{}}$

Whole number $\div$ unit fraction: count the pieces. Multiply by the bottom number.

Unit fraction $\div$ whole number: share the piece. The bottom number gets bigger and the top stays 1.

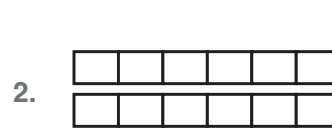
Dividing Fractions: Guided Practice Answer Key

A. Each bar is one whole. Count the pieces to find how many fit.



How many halves are in 4?

$$4 \div \frac{1}{2} = \boxed{8}$$



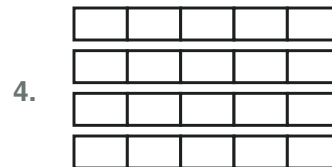
How many sixths are in 2?

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



How many eighths are in 3?

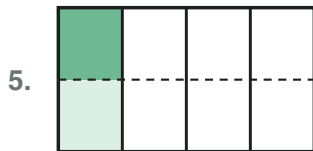
$$3 \div \frac{1}{8} = \boxed{24}$$



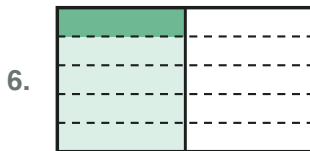
How many fifths are in 4?

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

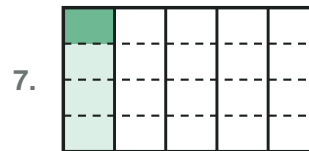
B. One piece is shaded and cut into equal shares. What fraction of the whole is one dark share?



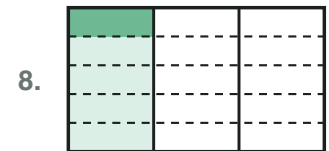
$$\frac{1}{4} \div 2 = \frac{1}{\boxed{8}}$$



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



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



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

C. Use the rules. Fill in the boxes.

9. $7 \div \frac{1}{5} = 7 \times \boxed{5} = \boxed{35}$

10. $\frac{1}{8} \div 4 = \frac{1}{\boxed{8} \times \boxed{4}} = \frac{1}{\boxed{32}}$

11. $5 \div \frac{1}{6} = 5 \times \boxed{6} = \boxed{30}$

12. $\frac{1}{7} \div 3 = \frac{1}{\boxed{7} \times \boxed{3}} = \frac{1}{\boxed{21}}$

D. Divide. Then check your answer with multiplication.

13. $5 \div \frac{1}{5} = \boxed{25}$ Check: $\boxed{25} \times \frac{1}{5} = \boxed{5}$

14. $\frac{1}{9} \div 2 = \frac{\boxed{1}}{\boxed{18}}$ Check: $\frac{\boxed{1}}{\boxed{18}} \times 2 = \frac{\boxed{1}}{\boxed{9}}$

15. $7 \div \frac{1}{2} = \boxed{14}$ Check: $\boxed{14} \times \frac{1}{2} = \boxed{7}$

16. $\frac{1}{6} \div 5 = \frac{\boxed{1}}{\boxed{30}}$ Check: $\frac{\boxed{1}}{\boxed{30}} \times 5 = \frac{\boxed{1}}{\boxed{6}}$

Whole number $\div$ unit fraction: count the pieces. Multiply by the bottom number.

Unit fraction $\div$ whole number: share the piece. The bottom number gets bigger and the top stays 1.