Dividing Fractions/Whole Numbers

In this worksheet, we will practice dividing fractions by whole numbers and dividing whole numbers by fractions.

Dividing fractions by whole numbers ex:	Dividing whole numbers by fractions ex:
$1/4 \div 2 = ?$ $1/4 \div 2/1 = ?$ (First, turn the whole number into a fraction) $\dfrac{1}{4} \times \dfrac{1}{2} = \dfrac{1}{8}$ (Flip the second fraction and multiply) $1/4 \div 2 = 1/8$	$4 \div 2/5 = ?$ $4/1 \div 2/5 = ?$ (First, turn the whole number into a fraction) $\dfrac{4}{1} \times \dfrac{5}{2} = \dfrac{20}{2}$ (Flip the second fraction and multiply) $4 \div 2/5 = 20/2 = 10$

Exercise Questions:

1. $3/5 \div 15 =$ _____

2. $1/8 \div 4 =$ _____

3. $7/10 \div 5 =$ _____

4. $9/12 \div 8 =$ _____

5. $7/15 \div 3 =$ _____

6. $12 \div 3/4 =$ _____

7. $10 \div 2/5 =$ _____

8. $16 \div 4/6 =$ _____

9. $15 \div 1/3 =$ _____

10. $20 \div 1/4 =$ _____

Dividing Fractions/Whole Numbers

In this worksheet, we will practice dividing fractions by whole numbers and dividing whole numbers by fractions.

Dividing fractions by whole numbers ex:	Dividing whole numbers by fractions ex:
$1/4 \div 2 = ?$ $1/4 \div 2/1 = ?$ (First, turn the whole number into a fraction) $\dfrac{1}{4} \times \dfrac{1}{2} = \dfrac{1}{8}$ (Flip the second fraction and multiply) $1/4 \div 2 = 1/8$	$4 \div 2/5 = ?$ $4/1 \div 2/5 = ?$ (First, turn the whole number into a fraction) $\dfrac{4}{1} \times \dfrac{5}{2} = \dfrac{20}{2}$ (Flip the second fraction and multiply) $4 \div 2/5 = 20/2 = 10$

Answer Key

1. $3/5 \div 15 =$ __3/225 = 1/75__

2. $1/8 \div 4 =$ __1/32__

3. $7/10 \div 5 =$ __7/50__

4. $9/12 \div 8 =$ __9/96 = 3/32__

5. $7/15 \div 3 =$ __7/45__

6. $12 \div 3/4 =$ __9__

7. $10 \div 2/5 =$ __25__

8. $16 \div 4/6 =$ __24__

9. $15 \div 1/3 =$ __45__

10. $20 \div 1/4 =$ __80__