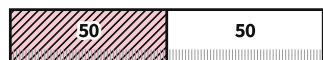


Fractions, Decimals and Percentages on the 100 Bar

ANSWERS

1

Name the shaded amount three ways.
Count the hundredths.
Hundredths make the percentage and the decimal.



Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%

2

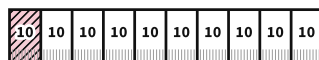
Name the shaded amount three ways.
Count the hundredths.
Hundredths make the percentage and the decimal.



Fraction	Decimal	Percentage
$\frac{1}{4}$	0.25	25%

3

Name the shaded amount three ways.
Count the hundredths.
Hundredths make the percentage and the decimal.



Fraction	Decimal	Percentage
$\frac{1}{10}$	0.1	10%

4

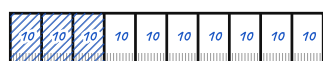
Name the shaded amount three ways.
Count the hundredths.
Hundredths make the percentage and the decimal.



Fraction	Decimal	Percentage
$\frac{3}{4}$	0.75	75%

5

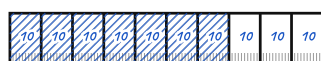
Shade 30% of the bar. Write it as a fraction and as a decimal.



Fraction	Decimal	Percentage
$\frac{3}{10}$	0.3	30%

6

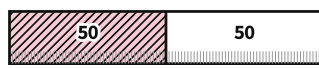
Shade 0.7 of the bar. Write it as a fraction and as a percentage.



Fraction	Decimal	Percentage
$\frac{7}{10}$	0.7	70%

7

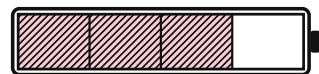
Circle every card that is equal to $\frac{1}{2}$.



0.5	0.2	50%	5%
		$\frac{2}{4}$	

8

A phone battery shows $\frac{3}{4}$ full.
What is that as a percentage?
As a decimal?



Percentage 75%
Decimal 0.75

Fractions, Decimals and Percentages on the 100 Bar further practice

ANSWERS

9

Put these in order, smallest first: $\frac{3}{4}$, 0.5, 60%. Fill in the table to help.



Fraction	Decimal	Percentage
$\frac{3}{4}$	0.75	75%
$\frac{1}{2}$	0.5	50%
$\frac{6}{10}$	0.6	60%

Order 0.5, 60%, $\frac{3}{4}$

10

Put these in order, smallest first: 0.3, $\frac{1}{4}$, 20%. Fill in the table to help.

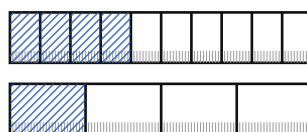


Fraction	Decimal	Percentage
$\frac{3}{10}$	0.3	30%
$\frac{1}{4}$	0.25	25%
$\frac{2}{10}$	0.2	20%

Order 20%, $\frac{1}{4}$, 0.3

11

Which is bigger, 0.4 or $\frac{1}{4}$?
Shade both on the bars to show how you know.



Bigger 0.4 (40%)

12

Match each card on the left to the card on the right that is equal to it.

$\frac{1}{10}$	75%
0.75	$\frac{1}{2}$
50%	0.1

$\frac{1}{10} = 0.1$
 $0.75 = 75\%$
 $50\% = \frac{1}{2}$

13

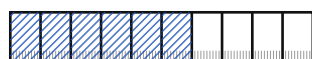
In a class, $\frac{1}{4}$ walk to school, 30% come by bus and 0.45 come by car. Which way is the most common?



Most common car (45%)

14

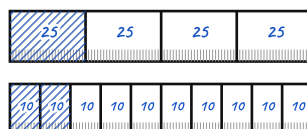
A phone is 0.6 charged. Write this as a percentage and as a fraction in tenths.



Fraction	Decimal	Percentage
$\frac{6}{10}$	0.6	60%

15

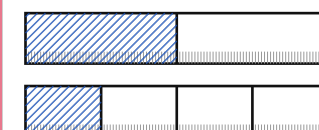
Shop A takes $\frac{1}{4}$ off. Shop B takes 20% off. Which shop takes more off?



More off Shop A (25%)

16

Sam says 0.5 is smaller than 0.25 because 5 is smaller than 25. Is Sam right? Explain.



No. 0.5 is 50 hundredths (50%).
0.25 is 25 hundredths (25%).