

## Solving Percentage Problems

Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

Whenever we see...

“What”  $\Rightarrow$   $n$  (variable)“of”  $\Rightarrow$   $\times$  (multiply)“is”  $\Rightarrow$   $=$  (equal)

What percent of 28 is 7?

What percent of 36 is 18?

Whenever we see...

“What”  $\Rightarrow$   $n$  (variable)“of”  $\Rightarrow$   $\times$  (multiply)“is”  $\Rightarrow$   $=$  (equal)

What percent of 10 is 22?

What percent of 16 is 40?

Whenever we see...

“What”  $\Rightarrow$   $n$  (variable)

“of”  $\Rightarrow$   $\times$  (multiply)

“is”  $\Rightarrow$   $=$  (equal)

40% of what number is 80?

8% of what number is 124?

Whenever we see...

“What”  $\Rightarrow$   $n$  (variable)

“of”  $\Rightarrow$   $\times$  (multiply)

“is”  $\Rightarrow$   $=$  (equal)

125% of what number is 10?

140% of what number is 70?

Whenever we see...

“What”  $\Rightarrow$   $n$  (variable)

“of”  $\Rightarrow$   $\times$  (multiply)

“is”  $\Rightarrow$   $=$  (equal)

25% of 20 is what number?

35% of 240 is what number?

Whenever we see...

“What”  $\Rightarrow$   $n$  (variable)

“of”  $\Rightarrow$   $\times$  (multiply)

“is”  $\Rightarrow$   $=$  (equal)

120% of 55 is what number?

180% of 120 is what number?



**Sales Tax: 4.5%**

What will the **final price** be after **sales tax**?



**Sales Tax: 7%**

What will the **final price** be after **sales tax**?



What will the **final price** be after **sales tax** and **discount**?

**Sales Tax: 7%**

**Discount: 10%**