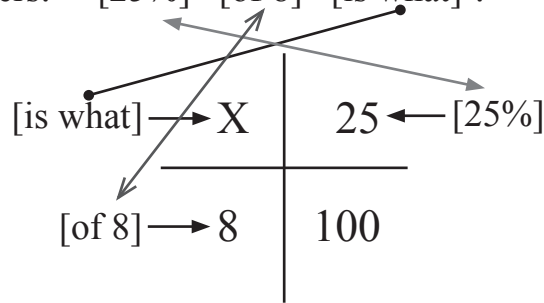


FINDING PERCENTS

Example problem: *25% of 8 is what?*
 (OR: *What is 25% of 8?*)

| | |
|----|-----|
| is | % |
| of | 100 |

1. Fill in the numbers: [25%] [of 8] [is what] ?



2. Cross multiply to make an equation:

| | |
|---|-----|
| X | 25 |
| 8 | 100 |

$$100X = 8(25)$$

3. Simplify the equation (do the multiplication):

$$100X = 200$$

4. Divide by the X coefficient (whatever X is attached to):

$$\frac{100X}{100} = \frac{200}{100}$$

5. Solve for X:

$$\frac{100X}{100} = \frac{200}{100}$$

$$X = 2$$

6. Check your answer: 25% of 8 is what?

| | | | | |
|-----|---|---|---|---|
| ↓ | ↓ | ↓ | ↓ | ↓ |
| .25 | x | 8 | = | 2 |
| | | | | ↓ |
| | | | | 2 |
| | | | | = |
| | | | | 2 |

=> If this is a true statement,
 your answer is correct.