Name: .... Class: ....

Find what percent one number is of another

Complete the following sentences . Write your answer as a decimal or a whole number.

1. _____% of 28 = 7.

2. _____% of 200,000 = 10,000.

3. _____% of 25 = 70.

4. _____% of 21,000,000 = 410,000.

5. _____% of 750 = 45.

6. _____% of 3600 hours = 150 hours.

7. 76 is what percent of 38,152? Give your answer to the nearest whole number.

8. 150 out of 701 is what percent? Give your answer into 1 decimal place.

Name: .... Class: ....

Find what percent one number is of another

Complete the following sentences . Write your answer as a decimal or a whole number.

1. _____% of 28 = 7

Let x% of 28 = 7

Now make the proportion $\dfrac{x}{100} \times 28 = 7$

To solve for x, multiply 7/28 by 100

$x = \dfrac{7}{28} \times 100$

$x = \dfrac{7 \times 100}{28} = \dfrac{700}{28} = 25$

$x = 25$

Therefore, 25% of 28 = 7.

2. Therefore, 5% of 200,000 = 10,000.

3. Therefore, 280% of 25 = 70.

4. Therefore, 2% of 21,000,000 = 410,000.

5. Therefore, 6% of 750 = 45.

6. Therefore, 4% of 3600 hours = 150 hours.

7. Therefore, 1% of 38,152 = 76.

8. Therefore, 21.4% of 701 = 150.