

**5.3**

**Activity**

## **Do Now**

**You scored 15 points in 3 minutes. Your cousin scored 25 points in 5 minutes.**

**Are the scores proportional? Explain.**

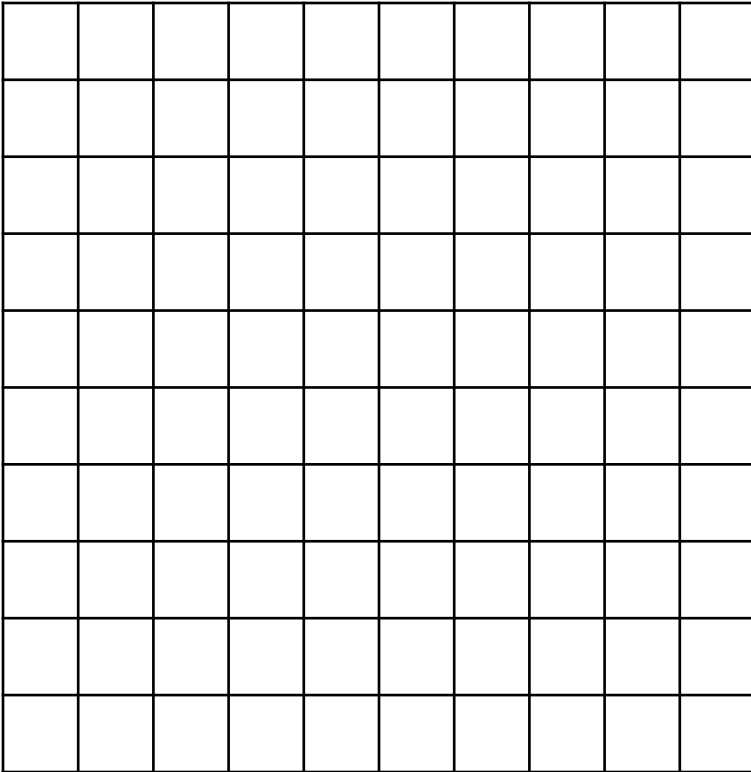
## **Do Now**

**How do you determine if two ratios are proportional? Explain giving an example of ratios that are proportional.**

▪

# What is a percent?

Percent means “Out of 100” or “Per 100”

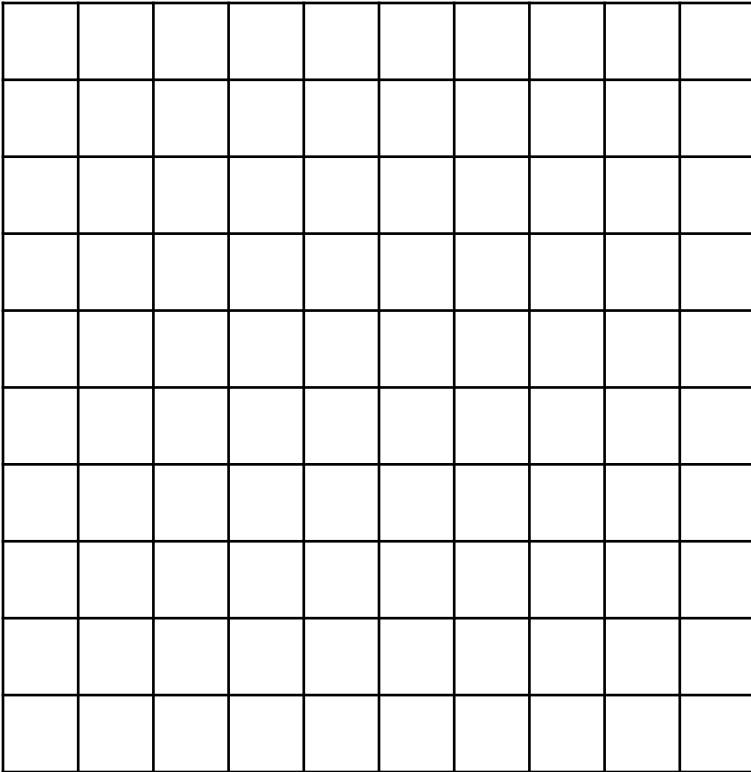


Converting a percent to a fraction

1) 18%

# What is a percent?

Percent means “Out of 100” or “Per 100”

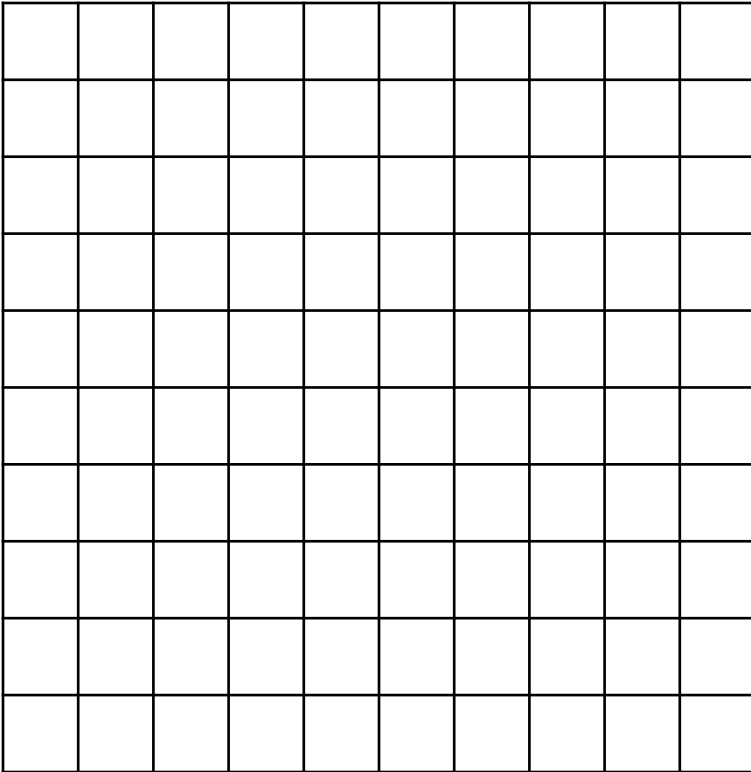


Converting a percent to a fraction

2) 40%

# What is a percent?

Percent means “Out of 100” or “Per 100”

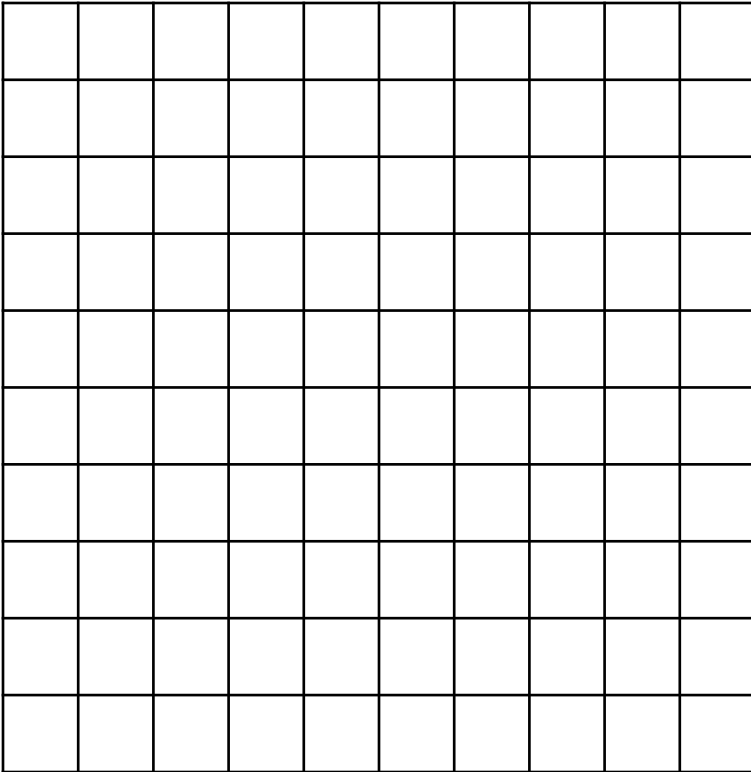


Converting a percent to a fraction

3) 75%

# What is a percent?

Percent means “Out of 100” or “Per 100”



Converting a percent to a fraction

4) 50%

# Converting Fractions to Percents

$$1) \quad \frac{9}{10} = \frac{\quad}{100}$$

$$2) \quad \frac{4}{5} = \frac{\quad}{100}$$

$$3) \quad \frac{17}{25} = \frac{\quad}{100}$$



# **Practice**

**Write a proportion to find how many points a student needs to have on the test to get the given score.**

**1. test worth 100 points; test score of 85%**

**2. test worth 50 points; test score of 74%**

**3. test worth 25 points; test score of 80%**

**4. test worth 110 points; test score of 90%**

# **Practice**

**Write a proportion to find how many points a student needs to have on the test to get the given score.**

**3. test worth 25 points; test score of 80%**

**4. test worth 110 points; test score of 90%**