

## Pondering Proportions and Percents

Name \_\_\_\_\_

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

### Percent Applications Problems

Solve the following problems to determine the missing part, whole or percent.

1. Mr. Leader bought his fiancée's engagement ring on sale 45% off. If the original price was \$320, how much did he save?

Part			%
Whole		100	

**Answer:** \$

2. 38% of the 1200 Wilson students are 7<sup>th</sup> graders. How many Wilson students are 7<sup>th</sup> graders?

Part			%
Whole		100	

**Answer:** students

3. Joe Cool made 85% of the free throws he attempted last season. If he made 51 free throws, how many did he attempt?

Part			%
Whole		100	

**Answer:** throws

4. Scooby made a 56% on his science test. If he got 14 problems correct, how many questions were on the test?

Part			%
Whole		100	

**Answer:** questions

5. Charles bought a new shirt that was originally priced \$13. He received a \$2.60 discount. What percent discount did Charles receive?

Part			%
Whole		100	

**Answer:** %

6. Bernie got 15 out of 40 math problems correct on his test. What percent did he get correct?

Part	<table border="1"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>					%
Whole	<table border="1"><tr><td>100</td></tr><tr><td></td></tr></table>	100				
100						

**Answer:** %

7. Previewed videos are normally \$12. They are on sale \$3 off. What percent are you saving?

Part	<table border="1"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>					%
Whole	<table border="1"><tr><td>100</td></tr><tr><td></td></tr></table>	100				
100						

**Answer:** %

8. 45% of Larson Middle School voted for Amber in the student council election. If 180 people voted for Amber, how many people are there in Larson Middle School?

Part	<table border="1"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>					%
Whole	<table border="1"><tr><td>100</td></tr><tr><td></td></tr></table>	100				
100						

**Answer:** people

9. 85% of Ms. Hatley's students made F's last six weeks. If 68 students made F's, how many students does Ms. Hatley teach?

Part	<table border="1"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>					%
Whole	<table border="1"><tr><td>100</td></tr><tr><td></td></tr></table>	100				
100						

**Answer:** students

10. The Cowboys have lost 6 games and won 3. What percent of their games have they lost?

Part	<table border="1"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>					%
Whole	<table border="1"><tr><td>100</td></tr><tr><td></td></tr></table>	100				
100						

**Answer:** %