

8.1: I can write a fraction as a percent.

1. $\frac{6}{5}$

2. $\frac{24}{25}$

3. $\frac{7}{10}$

4. $\frac{9}{20}$

8.1: I can write a percent as a fraction in simplest terms.

5. 34%

6. 55%

7. 17%

8. 24%

8.1: I can write a decimal as a percent.

9. 0.452

10. 0.05

11. 1.39

12. 0.3

8.1 I can write a percent as a decimal.

13. 0.3%

14. 247%

15. 44%

16. 65.3%

8.1 I can write the fraction as a decimal to a percent. (Round to the nearest tenth if necessary)17. $\frac{12}{17}$ 18. $\frac{13}{15}$ 19. $\frac{45}{24}$ 20. $\frac{65}{80}$

Score: _____ %

8.2 I can use the percent proportion *and* percent equation to solve the problem. You must use each method 3 times and show your work for full credit.

1. *What number is 30% of 130?*

2. *What percent of 48 is 42?*

3. *16 is 64% of what number?*

4. *What percent of 120 is 150?*

5. *What number is 60% of 25?*

6. *21 is 42% of what number?*

Score: _____ %

8.3 I can find the percent of increase or decrease. (Round to the nearest tenth if necessary)

1. From 55 to 14

2. From 22 to 67

3. From 3 to 12

4. From 98 to 56

8.3 I can find the new amount given the percent of change and original amount.

5. Increase 45 by 16%

6. Decrease 40 by 20%

7. Increase 36 by 75%

8. Decrease 110 by 46%

Score: _____%

8.4 I can use the percent of discount to find the sale price of items. I can use the percent of markup to find selling price of items.

1. Original Price: \$45
Discount: 35%
Sale Price: ?

2. Wholesale Price: \$5
Markup: 12.5%
Retail Price: ?

3. Original Price: ?
Discount: 20%
Sale Price: 14

4. Wholesale Price: \$12
Markup: ?
Retail Price: \$120

8.4 I can calculate tax and tip on a food bill.

5. Food Bill: \$72
Tax: 7%
Tip: 20%
Total Bill: ?

6. Food Bill: \$18
Tax: 6.5%
Tip: 18%
Total Bill: ?

Score: _____ %

8.5 I can use the simple interest formula to find interest earned or paid.

1. $P = \$1030.00$
 $r = 5.4\%$
 $t = 16$ years

2. $P = \$2090$
 $r = 6.1\%$
 $t = 12$ years

3. $A = \$672$
 $P = \$600$
 $r = ?$
 $t = 6$ years

4. $A = \$2550$
 $P = \$1500$
 $r = 7\%$
 $t = ?$

Score: _____ %