## **Percents Review**

Set up a proportion and solve.  Calculators are allowed.

1) What is 34% of 80?

2) What is 122% of 30?

3) What is 76% of 50?

4) 25.2 is what percent of 90?

5) 38.64 is what percent of 42?

6) 27.2 is what percent of 20?

7) 35 is 70% of what number?

8) 13.2 is 22% of what number?

9) 38.4 is 48% of what number?

Set up a proportion and solve.  Find the final price with Michigan 6% sales tax included.  Round appropriately.  Calculators are allowed.

10)  $44.50                    11)  $32.25                    12)  $65.75

Set up a proportion and solve. Find the final bill with tip included.  Round appropriately.  Calculators are allowed.

13)  $52.20; 15% tip                    14)  $29.35; 15% tip

15)  $45.60; 20% tip                    16)  $18.25; 20% tip

Set up a proportion and solve.  Find the sale price after the discount.
Round appropriately.  Calculators are allowed.

17)  $32.25; 25% off

18)  $26.10; 30% off

19)  $92.85; 15% off

20)  $42.30; 40% off

21)  $82.90; 35% off

22)  $122.45; 5% off

Set up a proportion and solve.  Find the percent of change.
Calculators are allowed.

23)  10 to 47

24)  20 to 9

25)  80 to 14

26)  60 to 105

27)  4 to 9

28)  30 to 45

29)  8 to 24

30)  40 to 15