

### Math 8 Practice Midterm Exam

1. You earn \$ 27 per hour. How long will it take you to earn \$ 405?
2. Calculate four thousand twenty-five multiplied by twenty-six rounded to the nearest hundred.
3. Compute:  $18 + 3 \cdot 4^2$
4. A student's test scores are as follows: 74, 90, 64, and 80. What is the student's average?
5. Find the difference:  $12 \frac{1}{6} - 7 \frac{3}{8}$
6. Find the quotient:  $18 \div 4 \frac{1}{2}$
7. Maria is going to use a 20 pound bag of flour to make cookies. Each tray of cookies requires 2.5 pounds of flour. How many trays will she be able to make?
8. If Jose has 8 male cousins and 14 female cousins, what fraction of his cousins is male?
9. Which of the following is largest?  $\frac{1}{3}$   $\frac{7}{12}$   $\frac{1}{4}$   $\frac{2}{3}$   $\frac{5}{8}$
10. Trevor buys 5 sandwiches which each cost \$ 5.95. If he gives the cashier a hundred dollar bill, how much change does he receive?
11. Christina earns \$ 12.50 per hour and works an 8 hour day. If she works for 5 days, how much does she earn?
12. Write as a mixed number in lowest terms: 3.6
13. Find the product:  $(0.3)(0.045)$
14. Find the quotient:  $18.24 \div 0.6$
15. Express in increasing order from smallest to largest: 0.4 0.012 2.3 0.01 0.0099
16. You buy a TV for \$ 699 and leave a down payment of \$ 99. If you pay the rest in 12 equal monthly payments, how much is each payment?
17. Change  $\frac{13}{23}$  to a decimal rounded to the nearest hundredth.
18. Harold requires  $12 \frac{1}{4}$  inches of wrapping paper for large packages and  $6 \frac{1}{3}$  inches of wrapping paper for small packages. If he has 8 large packages and 5 small packages, how much wrapping paper does he use all together?