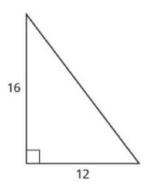
Pre-College Algebra	Name
Chapter 3 Review	Date Per
1. What is 45% of 120?	2. 25% of 90 is what number?
3. What percent of 260 is 78?	4. What number is 36% of 124?
5. When Tom and his co-workers had lunch at a restaura to leave 18% of the total bill as a tip. How much should the	
6. Sally bought a dress on sale for \$72. The sale price was price of the dress?	60% of the original price. What was the original
7. Casey deposited \$1,450 in a bank account with interest years?	rate 4%. How much interest was earned in two
8. Jaime has \$2.60 in dimes and nickels. The number of d many of each coin does he have?	limes is 14 more than the number of nickels. How
9. Joe's wallet contains \$1 and \$5 bills worth \$47. The nur bills. How many of each bill does he have?	mber of \$1 bills is five more than the number of \$5

10.	The movie theater took in \$1,220 one Monday night. The number of \$7 child tickets was ten more than
twic	te the number of \$9 adult tickets. How many of each were sold?

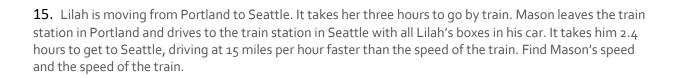
11. Bill is mixing Kona beans and Maui beans to make 25 pounds of coffee blend. Kona beans cost Bill \$15 per pound and Maui beans cost \$24 per pound. How many pounds of each coffee bean should Bill use for his blend to cost him \$17.70 per pound?

12. Carmen wants to tile the floor of his house. He will need 1000 square feet of tile. He will do most of the floor with a tile that costs \$1.50 per square foot, but also wants to use an accent tile that costs \$9.00 per square foot. How many square feet of each tile should he plan to use if he wants the overall cost to be \$3 per square foot?

13. Find the length of the hypotenuse.



14. Lilah is moving from Portland to Seattle. It takes her three hours to go by train. Mason leaves the train station in Portland and drives to the train station in Seattle with all Lilah's boxes in his car. It takes him 2.4 hours to get to Seattle, driving at 15 miles per hour faster than the speed of the train. Find Mason's speed and the speed of the train.



16. Sisters Helen and Anne live 332 miles apart. For Thanksgiving, they met at their other sister's house partway between their homes. Helen drove 3.2 hours and Anne drove 2.8 hours. Helen's average speed was four miles per hour faster than Anne's. Find Helen's average speed and Anne's average speed.

17. Multiply: $2\frac{1}{4} \cdot 7\frac{2}{5}$

18. Simplify: -8^2

19. Find the LCM of 5, 14, 30

$$\frac{3}{\frac{1}{9} + \frac{5}{6}}$$