



3.1 Practice

State whether you are finding the part, percent, or whole and then solve.

1. 16 is what percent of 40?

2. What is 80% of 130?

3. 21 is 30% of what number?

4. 90% of what number is 27?

5. 84% of 150 is?

6. What is 35% of 20?

7. 12 is 80% of what number?

8. 72 is what percent of 160?

9. 54 of the 90 books on the shelf are math books. What percent of the books are math books?

10. Of the fish in an aquarium, 26% are angelfish. If the aquarium contains 50 fish, how many are angelfish?

11. A college accepts 60% of the students who apply. Of the students the college accepts 40% actually enroll. If 30,000 students apply, how many actually enroll?

Mixed Review

Determine whether each table shows a proportional relationship between x & y .

1.

x	2	3	4	5
y	6	9	12	15

2.

x	y
4	16
6	36
8	64

3. On a map 1 inch equals 15 miles, two cities are 3 inches apart on a map. What is the actual distance?

4. A blueprint for a room has a width of 12 inches and a scale of 2 in = 5 ft. You want to use a scale of 1 in = 3 ft, what is the new width of the room?

Find the Unit Rate

5. A package of 4 pairs of socks cost \$33.96 what is the cost per pair?

6. A store sells 12 cans of spaghetti's for \$15. How much would it cost to buy 7 cans?

