

FIND 2 UNIT RATES FOR EACH.

1. 5 ORANGES COST \$2.00.

2. FOR 3 PEOPLE THERE ARE 5 CANDY BARS.

3. IN $12\frac{1}{2}$ MINUTES, JULIE READ 50 PAGES.

Instructions: Set up proportions to solve these problems.

4. Mr. Daniels drove 336 miles in eight hours. If he maintains this same speed, how many miles can he drive in 14 hours?



5. An airplane travels 975 miles in three hours. How many hours will it take to go 1300 miles?



6. An umpire records five hits for every twelve boys at bat. If 180 boys come up to bat, how many hits should be made?



FIND THE UNIT PRICE FOR EACH THEN CIRCLE THE BETTER BUY.

(7) 18 oz. FOR \$1.79
12 oz. FOR \$1.39

(8) 1 lb. FOR \$6.00
4 oz. FOR \$2.00

FIND TOTAL PRICE.

9. $3\frac{1}{2}$ lbs @ \$1.99/lb. _____

10. $2\frac{1}{4}$ lbs @ \$2.99/lb. _____

11. 8 oz. @ \$.39/oz _____

SOLVE FOR X.

12. $\frac{X}{12} = \frac{7.5}{30}$

13. $\frac{5}{15} = \frac{6}{X}$

14. $\frac{7}{10} = \frac{X}{85}$

15. $\frac{9}{X} = \frac{13.5}{45}$

DOES EACH X & Y TABLE SHOW A PROPORTIONAL RELATIONSHIP? WHY OR WHY NOT?

16.

X	Y
2	12
4	24
6	36
8	48

17.

X	0	1	-1	2	-2
Y	0	1	1	4	4

18. DESCRIBE & SKETCH THE GRAPH OF A PROPORTIONAL RELATIONSHIP.