

Name _____

Date _____

Hour _____

~~Multiplier~~

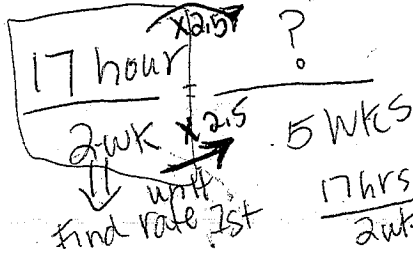
Scaling Rates WS
(using unit rates or rates to find answer)



1. Carol spends 17 hours in a 2-week period practicing her snowboarding skills. How many hours does she practice in 5 weeks?

$$SF = \frac{5}{2} = 2.5$$

$$SF = 2.5$$



$$\frac{17 \text{ hrs}}{2 \text{ wk}} = \frac{8.5 \text{ hrs}}{1 \text{ wk}}$$

$$\left(\frac{8.5 \text{ hrs} : 1 \text{ wk}}{42.5 \text{ hrs} : 5 \text{ WKS}} \right) \times 5$$

2. For every 2 cups of sugar, a cookie recipe calls for 3 cups of flour. If Tim is making cookies and uses 18 cups of flour, how much sugar should he use?

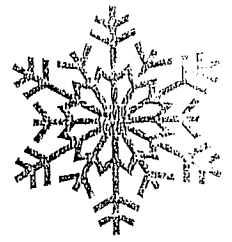
3. John is able to type 80 words per minute. How many words per 30 minutes is this?

4. A rainstorm produced a rainfall of 2 inches per hour. How many hours would it take to get a rainfall amount of one foot (12 inches)?



5. Mary can read 22 pages in 30 minutes. How long would it take her to read a 100-page book?

6. A snowstorm dumped 12 inches of snow in the first 4 hours. How many inches fell if the storm lasted 10 hours?



7. If 3 pounds of apples costs \$0.90, how much will 10 pounds cost?

8. Sirloin steak costs \$2.99 per pound. How much will 3.4 pounds cost?

9. For every 6 girls in a college classroom, there are 5 boys. How many girl students are there if there are 55 boys in the class?

10. Directions for making grapefruit juice call for 1.5 cups of concentrate for every 2 cups of water. If 9 cups of concentrate are used, how much water should be used?