

2.1 More Practice

Name _____

Use the formula $d=rt$ for distance traveled to solve for the missing values. Remember units on your answer!

1. $d = 130$ miles $r =$ $t = 2.5$ hours

2. $d =$ $r = 65$ miles per hour $t = 4$ hours

3. $d = 310$ miles $r = 62$ miles per hour $t =$

Use the formula $A=bh$ for the area of a parallelogram to solve for the missing values. Remember units on your answer.

4. $A =$ $b = 18$ in $h = 12$ in

5. $A = 572 \text{ ft}^2$ $b = 26$ ft $h =$

Write the equation that represents the table.

6.

x	0	1	2	3
y	12	18	24	30

Write the equation that represents the table.

7.

x	2	3	4	5
y	5	1	3	7

8.

x	6	9	12	15
y	-3	-1	1	3

9. You pay \$10.50 a year to belong to a music club that allows you to download songs for \$1.25 per song. You have spent \$53. How many songs have you downloaded?

10. Your local cable company charges \$50 per month for basic cable service. Premium channels are available for a surcharge of \$8.95 per channel. You have \$120 per month budgeted for cable. How many premium channels can you purchase?