

5. A cruise ship has traveled 3 out of the 25 total hours. What percentage has the cruise ship already traveled?
3 = $X = 300 = 30$
25) 100
cross multiply also 3 x4 x
and divide 25 100 3×4-12
6. Miss Taylor gave an 18% tip to a waitress for serving a meal costing \$12.00. How much was her tip?
$\frac{\chi}{12} = \frac{18}{100} \qquad \begin{array}{c} \times 12 \\ 180 \\ 180 \end{array} \qquad \begin{array}{c} 100 \boxed{21600} \\ 160 \\ \hline 100 \end{array} \qquad \begin{array}{c} \chi = $2.16 \\ \hline \end{array}$
cross multiply & divide 216
7. The special section is
7. The movie theater has 250 seats. 225 seats were full for the current showing. What percent of the seats are empty ?
Empty seats = total seats - full seats so 250-225 = 25
25×100= 2500
$\frac{25}{100} = \frac{250}{100} = \frac{100}{2500} = \frac{10\%}{10\%}$ seats
cross multiply and divide
8. Michael is shopping for a new stereo. At Electronics-R-Us, the stereo he's looking at is normally \$130.00, but it's currently on sale for 25% off. At Stereo Town, the same stereo is
\$118, but Michael has a \$15.00 coupon. From which store should Michael buy the stereo?
FLOC-P-11C × 25 Steventown NO3.100
25% off 130 130 100 \$15 off of 118 - 97.50
130 x .25 = 32.5 18.00 \$103.00 \$5.50
13.00 \$97.50 is difference
97.50 (cheaper He should buy from Elec-R-US) + This question
where the stereo is \$5.50 has 2 answers
Charges 4 hours stores out

Date

Period

Name

Name	Date	_ Period

9. Carrie eats a meal at her favorite restaurant. Her bill was \$15.95. If she wants to leave the waiter a 20% tip, what is the total amount of money she will pay for her meal and the tip?

\$19.14 For

15.95

10. Of the 325 cows in a herd, 24% are brown. What is the number of brown cows in the herd?

brown
$$\Rightarrow$$
 X = 24 \leftarrow % brown \times 24 \times 100 \times 100

and divide

11. A total of 20 people made cookies for a bake sale. Each person made a dozen cookies. Mrs. Taylor found that 35% of the cookies were chocolate chip. How many chocolate chip cookies were made for the bake sale? 12 cookies in one dozen

$$20 \times 12 = 240 \text{ total cookies made }$$

$$240 \quad 10$$

$$\frac{240}{240} \rightarrow \frac{240}{240} = \frac{35}{100} \leftarrow \frac{200}{200}$$

$$\frac{240}{1200} \rightarrow \frac{240}{100} \rightarrow \frac{2$$

X=84 choc chip

12. Mr. Jester bought air filters for \$89.50, not including tax. If the tax rate was 6%, what was the total cost of these air filters, including tax?

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		91		7