

7th Grade
Jan 13, 2021

Today we will:

- review yesterday's classwork
- complete task cards activity

Are there any THQs to turn be turned in (absent or late)?



HOMWORK:

Start studying for quiz on Friday (Lessons 1-3)

ALEKS assignment: 60 min and 5 topics due Monday by 11:59pm



The Percent Equation Name: Ky 12/14/12

1. Translate into an equation and solve.

SHOW WORK!! 9 is 45% of what number?



$$\frac{9}{.45} = \frac{.45n}{.45}$$

$$.45 \overline{) 9.00}$$

$$n = 20$$

4. Translate into an equation and solve.

SHOW WORK!! What is 32% of 150?

$$n = .32 \times 150$$

$$n = 48$$

$$\begin{array}{r} 150 \\ \cdot 32 \\ \hline 300 \\ 4500 \\ \hline 48.00 \end{array}$$

2. Translate into an equation and solve.

SHOW WORK!! 27 is what percent of 75?

$$\frac{27}{75} = \frac{75n}{75}$$

$$.36 = n$$

$$36\%$$

$$\begin{array}{r} 75 \overline{) 27.00} \\ \underline{225} \\ 450 \\ \underline{450} \\ 0 \end{array}$$

5. Mike's bill at the restaurant was \$52.50.

He wants to leave an 18% tip. What is the

tip and what is the total bill? SHOW WORK!

$$\begin{array}{r} 52.50 \\ \times .18 \\ \hline 42000 \\ + 52500 \\ \hline 94500 \end{array}$$

$$\$9.45 \text{ tip}$$

$$\begin{array}{r} 52.50 \\ + 9.45 \\ \hline \$61.95 \text{ TOTAL} \end{array}$$

3. Jim spent \$46.25 at the Book Fair. The tax rate

is 6.75%. What was the tax? What was the total?

SHOW WORK!! $6.75 = .0675$

$$\begin{array}{r} 46.25 \\ + 3.12 \\ \hline \$49.37 \\ \text{TOTAL} \end{array}$$

$$\begin{array}{r} 46.25 \\ \cdot .0675 \\ \hline .23125 \\ \cdot 323750 \\ \hline 3121875 \end{array}$$

$$\$3.12 \text{ tax}$$

6. A jacket is on sale at 15% off the regular price

of \$68. What is the discount and what is the

sale price? SHOW WORK!!

$$\begin{array}{r} 68 \\ \cdot .15 \\ \hline 340 \\ 680 \\ \hline \$10.20 \text{ DISCOUNT} \end{array}$$

$$\begin{array}{r} 68.00 \\ - 10.20 \\ \hline \$57.80 \text{ sale price} \end{array}$$



