

3-9 Evaluate Division Expressions

$$\begin{array}{r} x+3 \text{ when } x=10 \\ 10+3 \\ \hline (13) \end{array}$$

$$\begin{array}{r} x-7 \text{ when } x=13 \\ 13-7 \\ \hline (6) \end{array}$$

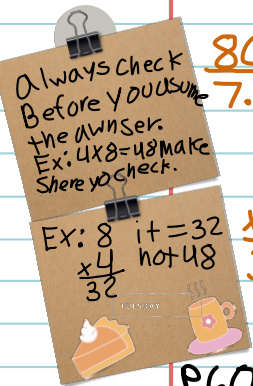
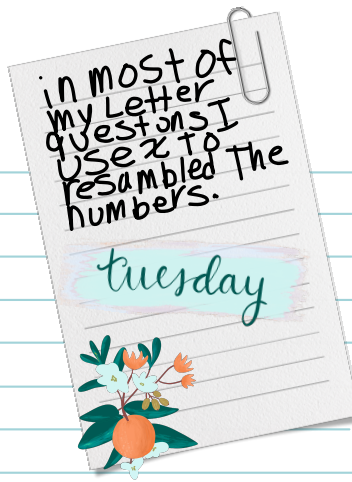
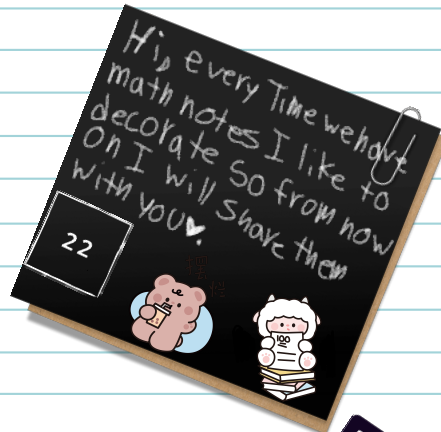
$$\begin{array}{r} 7x \text{ when } x=12 \\ 7 \cdot 12 \\ 7(12) \end{array} \quad (84)$$

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\$806 for Plate
\$x for each Plate

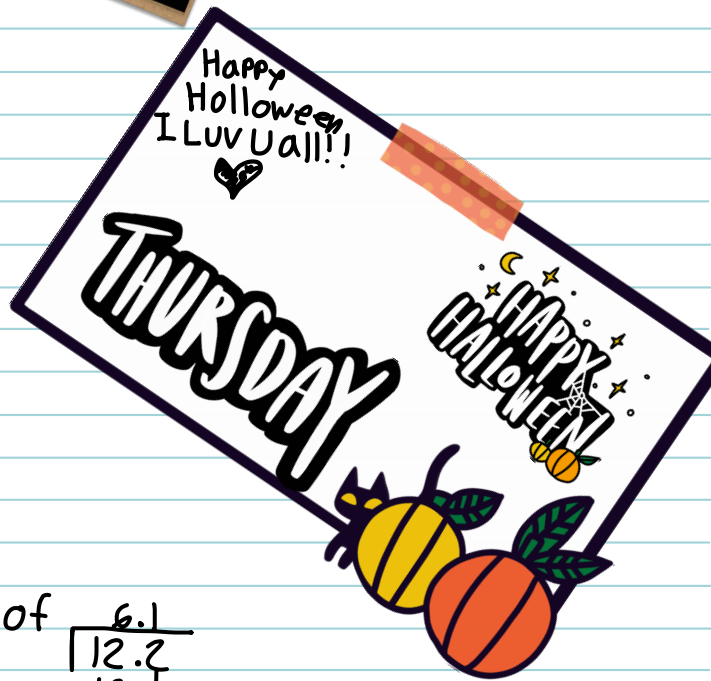
$$806 \div x = \frac{806}{x}$$

x = 7.76



$$\begin{array}{r} 806 \\ 7.76 \overline{) 806.00} \\ \underline{552} \\ 254 \\ \underline{220} \\ 340 \\ \underline{310} \\ 300 \\ \underline{300} \\ 0 \end{array}$$

$$\begin{array}{r} 104 \\ 7.75 \overline{) 806.00} \\ \underline{551} \\ 255 \\ \underline{220} \\ 350 \\ \underline{310} \\ 400 \\ \underline{387} \\ 130 \\ \underline{130} \\ 0 \end{array}$$



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① $345 \div x$ when $x=15$

$$\begin{array}{r} 23 \\ 15 \overline{) 345} \\ \underline{-30} \\ 45 \\ \underline{-45} \\ 0 \end{array}$$

① The quotient of 12.2 and x when x=2

$$\begin{array}{r} 6.1 \\ 12.2 \overline{) 12.2} \\ \underline{-12} \\ 02 \\ \underline{-2} \\ 0 \end{array}$$

$12.2 \div x = 12.2 \div 2 = 6.1$

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(13) $x=1.2$ $A=225$

$$A \div 5 \times 30 = 225 \div 5 \times 30$$

$$\begin{array}{r} 45 \\ 5 \overline{) 225} \\ \underline{-20} \\ 25 \\ \underline{-25} \\ 0 \end{array}$$

$$\begin{array}{r} 1 \\ 45 \times 30 \\ \hline 1350 \end{array}$$

(1350)