

1-14-20 6th Geo

$$\textcircled{1} \quad \frac{\frac{1}{2}}{6} = \frac{n}{18}$$

$$\frac{6n}{6} = \frac{9}{6}$$
$$n = 1\frac{1}{2}$$

$$\frac{1}{2} \cdot \frac{18}{1} = \frac{18}{2} = 9$$

$$\frac{1}{2} \text{ of } 18 = 9$$

$$\textcircled{2} \quad \frac{\frac{2}{3}}{n} = \frac{\frac{1}{2}}{18}$$

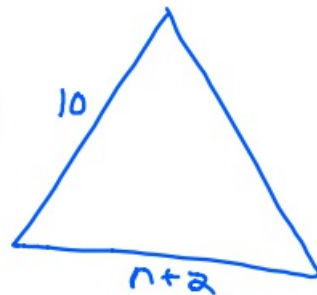
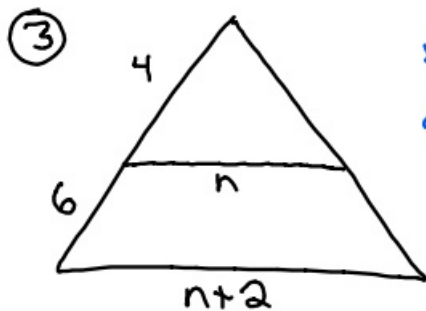
$$\frac{1}{2} n = \frac{2}{3} \cdot 18$$

$$2 \cdot \frac{1}{2} \cdot n = 12 \cdot 2$$

$$n = 24$$

$$\frac{2}{3} \cdot \frac{18}{1} = \frac{36}{3} = 12$$

$$\frac{2}{3} \cdot \frac{18}{1} = \frac{12}{1} = 12$$



$$\frac{4}{10} = \frac{n}{n+2}$$

$$10n = 4(n+2)$$

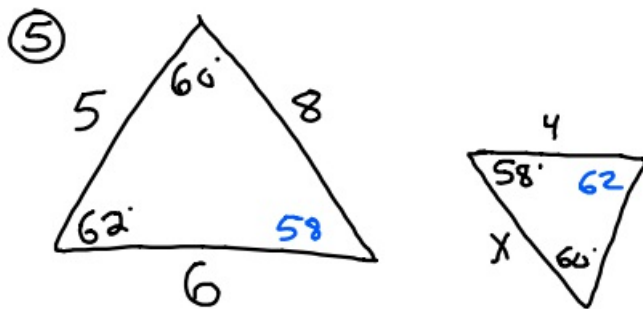
$$10n = 4n + 8$$

$$\begin{array}{r} 10n = 4n + 8 \\ -4n \quad -4n \\ \hline \end{array}$$

$$\frac{6n}{6} = \frac{8}{6}$$

$$n = 1\frac{1}{3}$$

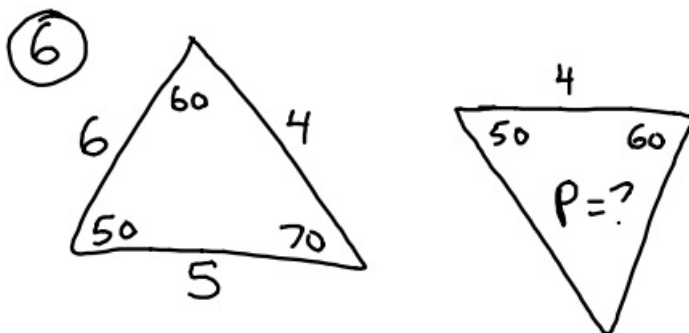
$$\begin{array}{r} \textcircled{4} \quad n^2 + 6n + 12 = n^2 + 8n \\ \underline{-n^2} \qquad \qquad \qquad \underline{-n^2} \\ 6n + 12 = 8n \\ \underline{-6n} \qquad \qquad \qquad \underline{-6n} \\ 12 = 2n \\ n = 6 \end{array}$$



$$\frac{X}{8} = \frac{4}{6}$$

$$6x = 32$$

$$x = 5\frac{1}{3} \quad 5.\bar{3}$$

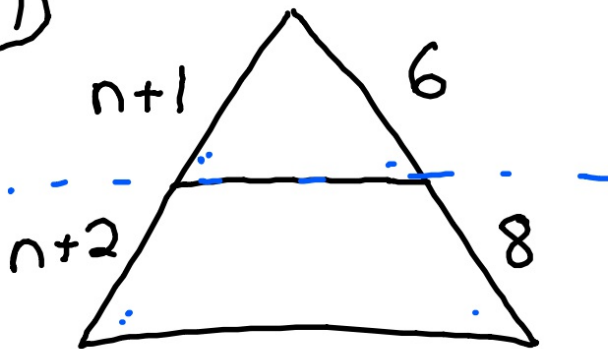


$$\frac{4}{6} = \frac{P}{15}$$

$$6p = 60$$

$$p = 10$$

7



$$\frac{n+1}{n+2} = \frac{6}{8}$$

$$8(n+1) = 6(n+2)$$

$$8n+8 = 6n+12$$

H₁

$$2n = 4$$

$$n = 2$$

Correct

Thank you



}-14-20 7th Geo

$$\textcircled{1} \quad \frac{\frac{1}{2}}{12} = \frac{\frac{2}{3}}{x}$$

$$\cancel{2} \cdot \frac{1}{2} x = 8 \cdot 2$$

$$x = 16$$

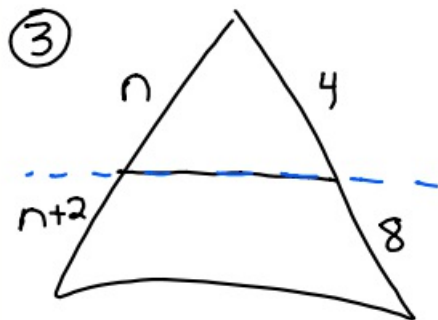
$$\frac{12}{1} \cdot \frac{2}{3} = \frac{24}{3}$$

$$\textcircled{2} \quad \frac{\frac{1}{2}}{\frac{4}{5}} = \frac{15}{x}$$

$$2 \cdot \frac{1}{2} x = 12 \cdot 2$$

$$x = 24$$

$$\frac{4}{5} \cdot \frac{15}{1} = \frac{60}{5}$$



$$\frac{n}{n+2} = \frac{4}{8}$$

$$8n = 4(n+2)$$

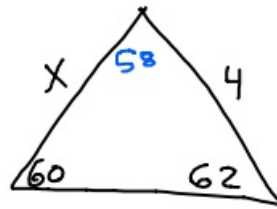
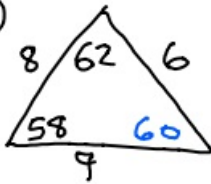
$$8n = 4n + 8$$

$$\begin{array}{r} 8n = 4n + 8 \\ -4n \quad -4n \\ \hline 4n = 8 \end{array}$$

$$4n = 8$$

$$n = 2$$

④

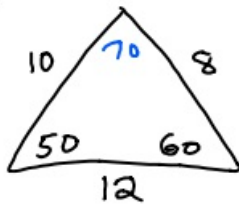


$$\frac{X}{9} = \frac{4}{8}$$

$$8X = 36$$

$$X = 4.5$$

⑤

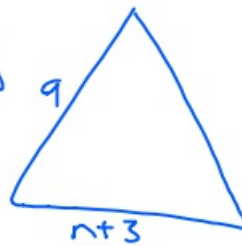
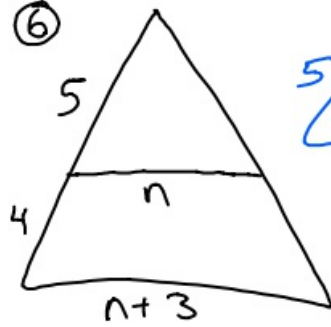


$$\frac{8}{10} = \frac{P}{30}$$

$$10P = 240$$

$$P = 24$$

⑥



$$\frac{5}{9} = \frac{n}{n+3}$$

$$9n = 5(n+3)$$

$$9n = 5n + 15$$

$$4n = 15$$

$$n = 3\frac{3}{4}$$