

O.T.L.

Pg 64: C.R.Q.

1-4: write the
question.

- Do the work,
- Show the Answer

87*.84	80.91
87*.72	73.08
87*.64	62.64
■	55.68

4th 6th 7th

81-87 → A : ~~||||~~ ~~|||~~

74-80 → B : ~~||||~~ ~~|||~~ ~~|||~~ ~~|||||~~

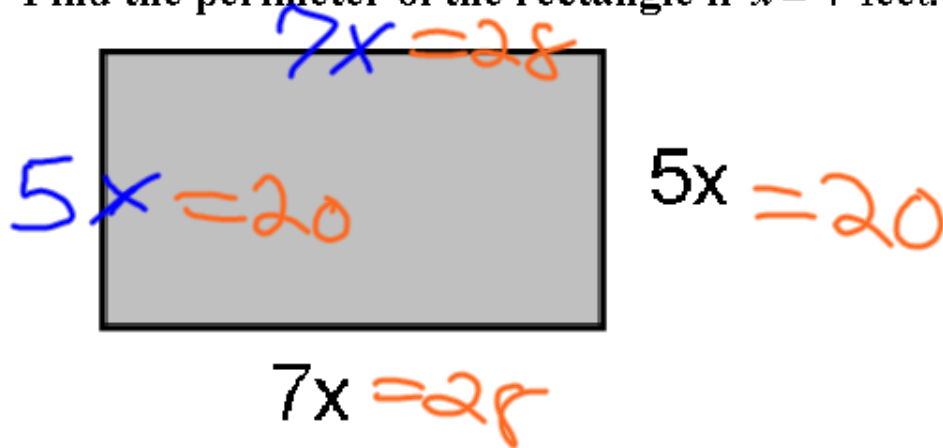
63-73 → C : ~~|||~~ ~~||||~~

56-62 → D : ~~|||~~

55- → F :
· |

$$P = 20 + 28 + 20 + 28 = \underline{96 \text{ ft}}$$

13. Find the perimeter of the rectangle if $x = 4$ feet. Show All Work.



$$\begin{aligned} P &= 5x + 7x + 5x + 7x \\ &= 24x \quad x = 4 \\ &= 24(4) = \underline{96 \text{ ft}} \end{aligned}$$

$$24. \frac{(4^2 - 1)}{9 * 5} = \frac{(16 - 1)}{45} = \frac{15}{45} = \frac{1}{3}$$

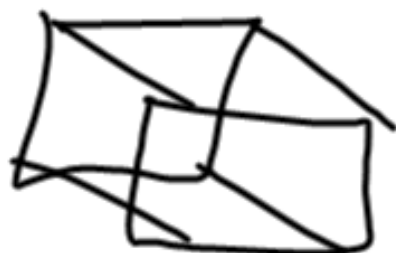
$$\begin{aligned}
 25. \quad \frac{7^3 + 1 - (11 \cdot 4)}{2(8^3 + 8 \cdot 11)} &= \frac{7^3 + 1 - (44)}{2(512 + 8 \cdot 11)} = \frac{343 + 1 - (44)}{2(512 + 88)} = \frac{344 - (44)}{2(600)} \\
 &= \frac{300}{1200} = \frac{\cancel{3}1}{\cancel{12}4} = \frac{1}{4}
 \end{aligned}$$

14. $x + y^2$ when $x=5$ and $y=9$

$$(5) + (9)^2$$
$$5 + 81 = \underline{\underline{86}}$$

WHAT IS THE VOLUME OF THE BOX?

Show all work, including a picture and labels.



$$\begin{aligned} V &= 22 \cdot 22 \cdot 20 \\ &= \underline{\underline{9680 \text{ in}^3}} \end{aligned}$$

$$y = 12 - 3x$$

Input	Output
0	12
1	9
2	6
3	3

9. $2x^3$ when $x=4$

$$\begin{array}{r} 2(4)^3 \\ \hline 2 \cdot 64 \\ \hline 128 \end{array}$$

10. $(2x)^3$ when $x=4$

$$\begin{array}{r} (2(4))^3 \\ \hline (8)^3 \\ \hline 512 \end{array}$$