

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

4<sup>th</sup>      6<sup>th</sup>      7<sup>th</sup>

81-87 → A : ~~||||~~ ~~|||~~

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

63-73 → C : ~~|||~~ ||||

56-62 → D : ~~|||~~

55- → F : |

17.  $5 \cdot 5 \cdot 5 \cdot 5 \cdot 5 \cdot 5$ :

$$5^6$$

20.  $2a \cdot 2a \cdot 2a$ :

$$(2a)^3$$

$$23. \frac{7 \cdot 2^3}{6 + (2^5 - 10)} = \frac{7 \cdot 8}{6 + (32 - 10)} = \frac{56}{6 + (22)} = \frac{56}{28} = \frac{2}{1} = \underline{\underline{2}}$$

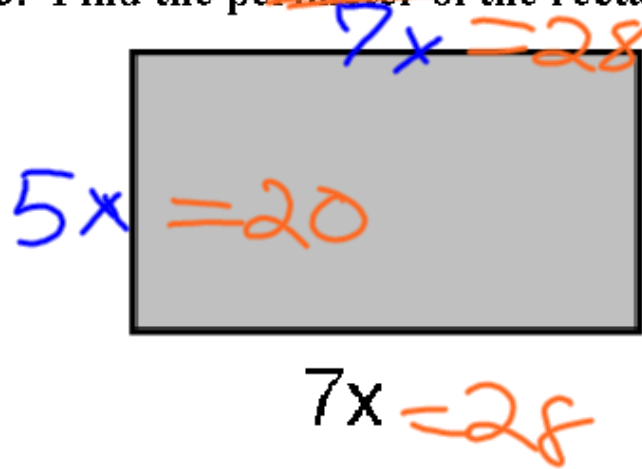
$$24. \frac{(4^2 - 1)}{9 \cdot 5} = \frac{(16 - 1)}{45} = \frac{15}{45} = \frac{1}{3} = \underline{\underline{\frac{1}{3}}}$$

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

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

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

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



$$5x = 20$$

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

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

**Check whether the given number is a solution of the equation or inequality.**

36. Use mental math to solve:  $2 = 6 - x$ . Show the question and solve.

What Number Subtracted from 6 equals 2

37. You want two rectangular gardens to have the same area.

at an average speed of 65 miles per

$$r \cdot t = d$$
$$65 \cdot 4 = d$$

$$\underline{260 \text{ miles} = d}$$

~~runner keeps a steady pace of 9 mil~~