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CLASS: p. 167-169 #s 20-24, 28
WORK: 30-32, 40-43
NOV. 29

20.) $\frac{\$4.80}{6 \text{ cans}} = \frac{\$0.80}{1 \text{ can}}$

21.) $\frac{297 \text{ words}}{5.5 \text{ min}} = \frac{54 \text{ words}}{1 \text{ min}}$

22.) $\frac{21\frac{3}{4} \text{ m}}{2\frac{1}{2} \text{ hr}} = 8.7 \text{ m/hr}$ or $8\frac{7}{10} \text{ m/hr}$

23.) servings per package
 $\frac{13.5 \text{ servings}}{3 \text{ packages}} = \frac{4.5 \text{ servings}}{1 \text{ package}}$

24.) $\frac{7.2 \text{ ft}}{2 \text{ yr}} = \frac{3.6 \text{ ft}}{1 \text{ yr}}$

28.) (4, 122)
a) tickets → cost

b) $\frac{\text{cost}}{\text{amount}} = \frac{\$122}{4 \text{ tickets}} = \frac{\$30.5}{1 \text{ ticket}}$

c) 10 tickets = \$305 30.5(10)

30.)	$\frac{\$11.49}{4 \text{ packs}}$	$\frac{\$16.79}{6 \text{ packs}}$	$\frac{\$22.99}{9 \text{ packs}}$
	\$2.87/1 pack	\$2.80/pack	\$2.55/pack
			The 9 pack

$$31.) \frac{\text{Cost}}{\text{amount}} = \frac{\$68}{16 \text{ sq. ft}} = \frac{\$4.25}{1 \text{ sq. ft}}$$

$$\$4.25(12) = \$51 \text{ for } 12 \text{ sq. ft.}$$

$$32.) \text{Rate} = \frac{\text{Distance}}{\text{Time}}$$

$$\text{Rate} = \frac{25 \text{ sq meters}}{\frac{1}{6} \text{ hr}}$$

$$25 \cdot 6 = 150 \text{ sq meters/hr}$$

$$9(3) = 27$$

$$2(8) = 16$$

$$41.)$$

$$40.) \frac{9}{2} \boxed{>} \frac{8}{3}$$

$$\frac{-8}{15} \boxed{<} \frac{10}{18}$$

$$\frac{9}{2} \boxed{>} \frac{8}{3}$$

neg. is smaller than positive #

$$-48$$

$$-2(24) = -48$$

$$42.) \frac{-6}{24} \boxed{>} \frac{-2}{8}$$

$$\frac{-6}{24} \boxed{=} \frac{-2}{8}$$

$$43.) -\frac{2}{3} < x < -\frac{1}{2}$$

$$A \quad \frac{-3}{4} = -0.75$$

$$\leftarrow \begin{array}{c} \text{B} \\ \downarrow \\ 0 \end{array} \begin{array}{c} \text{D} \\ \downarrow \\ 0 \end{array} \rightarrow \left(\frac{\text{B} - 7}{12} = -0.58\bar{3} \right)$$

-0.6 -0.5 0

$$C \quad \frac{-5}{12} = -0.41\bar{6}$$

$$D \quad \frac{-3}{8} = -0.375$$