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4/21

p. 108

65% paid
35% brought lunch

$$\frac{35}{100} = \frac{7}{20}$$

$$\frac{7}{20} = \frac{28}{80}$$

$$35\% = \frac{7}{20} = \frac{28}{80}$$

$$\begin{aligned} \text{paid} \rightarrow \frac{26}{40} &= \frac{x}{100} \\ \frac{40x}{40} &= \frac{2600}{40} \\ x &= 65 \end{aligned}$$

$$\sqrt{\frac{7}{20}} = \frac{x}{100}$$

$$\begin{array}{r} 20 \overline{) 700} \\ \underline{60} \\ 100 \\ \underline{100} \\ 0 \end{array}$$

$$\cancel{20} \overline{) 40}$$

40 $\overline{) 26}$
turn fraction to decimal by dividing
(division problem)

$$\begin{array}{r} 4 \overline{) 8} \\ \underline{8} \\ 0 \end{array}$$

$$\frac{18}{60} = \frac{x}{100}$$

$$\begin{array}{r} 60 \overline{) 18.0} \\ \underline{180} \\ 0 \end{array}$$

$$\frac{28}{80}$$

$$\begin{array}{r} \sqrt{80 \overline{) 2800}} \\ \underline{240} \\ 400 \end{array}$$

4/21/16, 10:10:13 AM

4/21/16, 5:10 AM, 1h 4m 54s

4/21

p. 108

65% paid
35% brought lunch

$$\frac{35}{100} = \frac{7}{20}$$

$$\frac{7}{20} = \frac{28}{80}$$

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paid \rightarrow $\frac{26}{40} = \frac{x}{100}$
 $\frac{40x}{40} = \frac{2600}{40}$
 $x = 65$

$$\sqrt{\frac{7}{20} = \frac{x}{100}}$$

$$\begin{array}{r} 20 \overline{) 700} \\ \underline{60} \\ 100 \\ \underline{100} \\ 0 \end{array}$$

~~$\frac{26}{40}$~~

$$40 \overline{) 26}$$

turn fraction to decimal by dividing
(division problem)

$$4 \overline{) 8}$$

$$\frac{8}{4}$$

$$\frac{18}{60} = \frac{x}{100}$$

$$\begin{array}{r} 60 \overline{) 18.0} \\ \underline{180} \\ 0 \end{array}$$

$$\frac{28}{80}$$

$$\sqrt{80 \overline{) 28.00}} \\ \underline{240} \\ 400$$

33) 72%

50 votes

Edge	11	—
Polar	6	—
Tiger	14	—
Vik	19	—

28%

72%

$$\frac{28}{100} = \frac{14}{50}$$

p116

35) 16 out of 20 = .8 = 80%

$$\frac{16 \times 5}{20 \times 5} = \frac{80}{100}$$

110) $\frac{3}{5} = \frac{x}{20}$

✓ $.8 = \frac{8}{10} = \frac{80}{100}$



36) $\text{Cuy} = 7\frac{3}{4}\% = .0775 = 7.75\% \text{ hi}$

Lake = $6\frac{3}{4}\%$ ~~0.0675~~ = 6.75% me

Gea = $\frac{13}{200}$
 $6\frac{1}{2}\%$.065 = 6.5% low

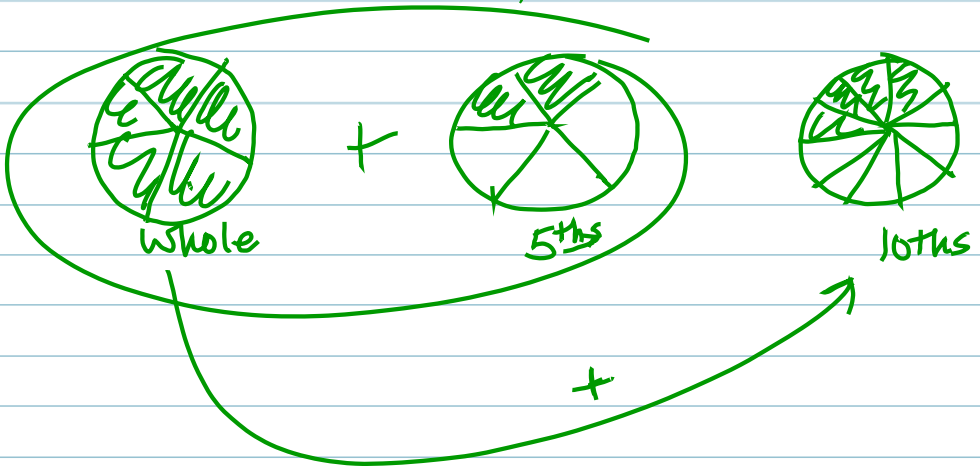
p124

(36)

$$140\% = 1\frac{40}{100} = 1\frac{2}{5} = 1\frac{20}{50}$$

$$= 1,40$$

$$= 1,4$$



(37)

0.036%

$$1.000\% = 1\%$$

$$1\% \neq 1,00$$

↓ 100%

$$1\% = .01$$

$$1/10\% = .001$$

$$.1\% = .001$$

$$12\% = .12$$

$$1.2\% = .012$$

$$.12\% = .0012$$

$$\frac{12}{100} \quad (12) = 12\%$$

do

• 036% = .00036 =

$\frac{36}{100,000} \div 2 = \frac{18}{50,000}$

% = hundredths
•00 = hundredths

% = .00

$\frac{9}{25,000}$

fraction
simp form

$\frac{36}{100,000}$ $\frac{27}{75,000}$ $\frac{18}{50,000}$ $\frac{9}{25,000}$

136

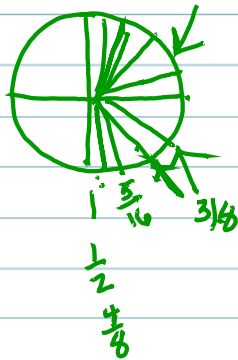
27

$\frac{6}{32}$ $\frac{3}{16}$ $\frac{7}{32}$

$\frac{3}{16} = \frac{6}{32}$

$\frac{4}{16} = \frac{8}{32}$

$\frac{7}{32}$



$\frac{1}{4} = \frac{2}{8}$

28

Plastic	.16	16%	$\frac{16}{100}$	$\frac{4}{25}$
Paper	.50	50%	$\frac{5}{10}$	$\frac{1}{2}$
aluminum	.24	24%	$\frac{24}{100}$	$\frac{12}{50}$ $\frac{6}{25}$
glass	.10	10%	$\frac{1}{10}$	
	dec	per	fract	