

4/25

2154

(33) \$42 30% off

42 - price
 x .3 - decimal of 30%
 .30

✓ .3 x 42 → find discount
 ✓ $\frac{3}{10} \times 42$

X .03 x 42 3% dis. not 30% $\frac{30}{100} \times 42$
 .30 x 42

$\begin{array}{r} 3 \times 42 \\ 3 \times 42 \end{array}$

(34) hybrid 28%
 sport ut. 20%
 sedan 38%

450

* How many 100s are there?
 4.5
 28
 28
 28
 28
 28
 14
 126

hybrid is 28% of 450 = 126
 sport is 20% of 450 = 90
 sedan = 38% of 450 = 171

$\begin{array}{r} 450 \\ \times .2 \\ \hline 900 \end{array}$ sport

$\begin{array}{r} 450 \\ \times .28 \\ \hline 3600 \\ 9000 \\ \hline 126.00 \end{array}$ hybrid

$\begin{array}{r} 450 \\ \times .38 \\ \hline 3600 \\ 13500 \\ \hline 171.00 \end{array}$ sedan

20
 20
 20
 20
 10
 90

$\begin{array}{r} 38 \\ 38 \\ 38 \\ 38 \\ 19 \\ \hline 171 \end{array}$

4/25

2154

(33)

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.30

✓ .3 x 42

✓ $\frac{3}{10} \times 42$

find discount

X .03 x 42 3% dis.
not 30%

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$\begin{array}{r} 3 \times 42 \\ \hline .3 \times 42 \end{array}$

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hybrid is 28% of 450 = 126
Sport is 20% of 450 = 90
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(35)

4.5
28
28
28
28
28
14

126

$\begin{array}{r} 450 \\ \times .2 \\ \hline 900 \end{array}$ sport

$\begin{array}{r} 450 \\ \times .28 \\ \hline 3600 \\ 9000 \\ \hline 12600 \end{array}$ hybrid

$\begin{array}{r} 450 \\ \times .38 \\ \hline 3600 \\ 13500 \\ \hline 17100 \end{array}$ sedan

20
20
20
20

80

38
38
38
38
38
19

171

p162

(26)

	%	#
Wed	21%	63
Thu	46%	138
Fri	33%	99

$$21\% = 63$$

$$1\% = 3$$

unit rate understanding

$$\begin{array}{r} 46 \\ \times 3 \\ \hline 138 \end{array}$$

$$\begin{array}{r} 33 \\ \times 3 \\ \hline 99 \end{array}$$

(27)

Eng	23%	1st
Sci	30%	
SS	15%	
Math	20%	
MUS.	12%	

$$\frac{21\%}{63} = \frac{1\%}{x}$$

$$\begin{array}{r} 150 \\ \times 0.2 \\ \hline 30.0 \end{array}$$

20% of 150

$$\begin{array}{l} 10\% = 15 \\ 10\% = 15 \end{array} \rightarrow (30)$$

p184

(27)

$$\begin{array}{r} 66.4 \\ + 166.85 \\ \hline 233.25 \end{array}$$

S to Eu
Eu to M

$$\begin{array}{r} 66.4 + x = 233.25 \\ - 66.4 = -66.4 \\ \hline x = 166.85 \end{array}$$

undo (+) is (-)

28) 50 yd freestyle

Andrew	22.63 (s)	4 th	
Kendrick	22.20 (s)	1 st	diff in 1 st to 4 th .43 s
Ty	22.58 (s)	3 rd	
William	22.31 (s)	2 nd	

$$\begin{array}{r} 22.63 \\ 22.58 \\ \hline .05 \end{array} \rightarrow \text{hundredths}$$

.5 → tenths

p192

26)

27)

$$\begin{array}{r} \overset{1}{\text{And.}} \quad 5.60 \\ \quad \times 25 \\ \hline \quad 2800 \\ 11200 \\ \hline 140.00 / 25 \text{ hrs} \end{array}$$

$$\begin{array}{r} \overset{1}{\text{Mar.}} \quad 8.25 \\ \quad \times 25 \\ \hline \quad 4125 \\ 16500 \\ \hline 206.25 \end{array}$$

$$\begin{array}{r} 206.25 \\ - 140.00 \\ \hline 66.25 \end{array}$$

$$\begin{array}{r} \overset{1}{\text{12}} \\ 8.25 \\ - 5.60 \\ \hline 2.65 \end{array}$$

$$\begin{array}{r} \overset{2}{\text{2}} \\ 2.65 \\ \quad 25 \\ \hline 1325 \\ 5300 \\ \hline 66.25 \end{array}$$