Curriculum Outcome

General Outcome: Develop number sense and critical thinking skills.

N1 Solve problems that involve unit pricing and currency exchange, using proportional reasoning.

N2 Demonstrate an understanding of income, including: wages, salary, contracts, commission, piecework, and calculating gross pay and net pay.

N3 Demonstrate an understanding of compound interest.

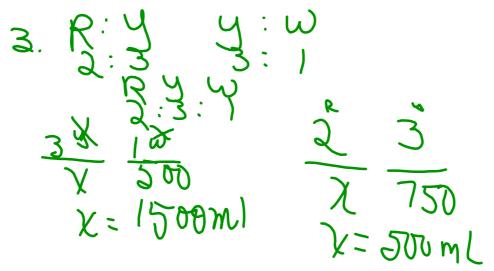
N4 Demonstrate an understanding of financial institution services used to access and manage finances.

N5 Demonstrate an understanding of credit options, including: credit cards, and loans.

Student Friendly:

Warmup: 10 minutes

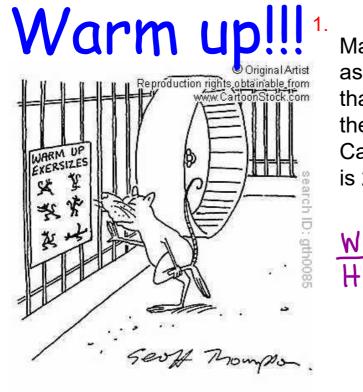
Questions 3, 4 5, 9, 10 and 11.



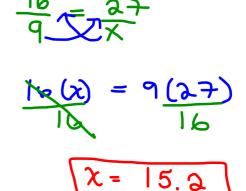
2)
$$30:10$$

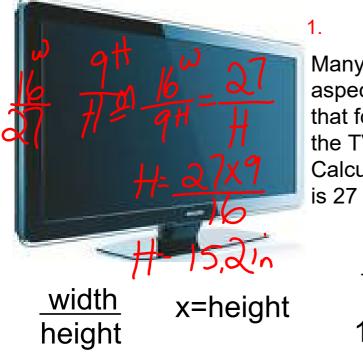
3) $24:9$
4) $2 filowing = \frac{10}{13}$
5 $10tal$
 $\frac{3}{5} = \frac{10}{13}$
 $\frac{3}{5} = \frac{10}{13}$
 $\frac{3}{13} = \frac{10}{13}$
 $\frac{10}{13} = \frac{10}{13}$

$$\frac{11}{37} = \frac{1}{37} = \frac{1}{37}$$



Many big screen TV's have an aspect ratio of 16:9. This means that for every 16 inches of width, the TV will be 9 inches high. Calculate the height of a TV that is 27 inches wide.



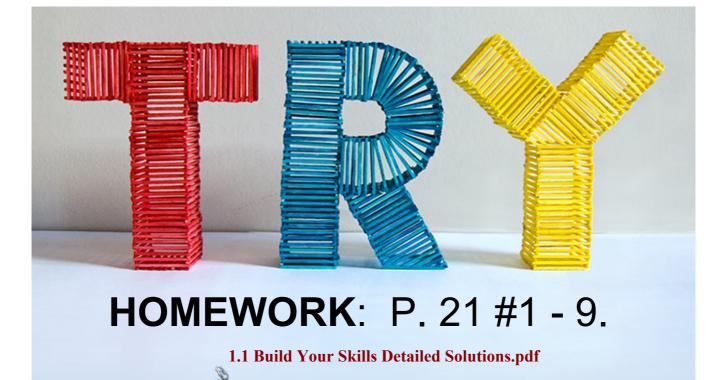


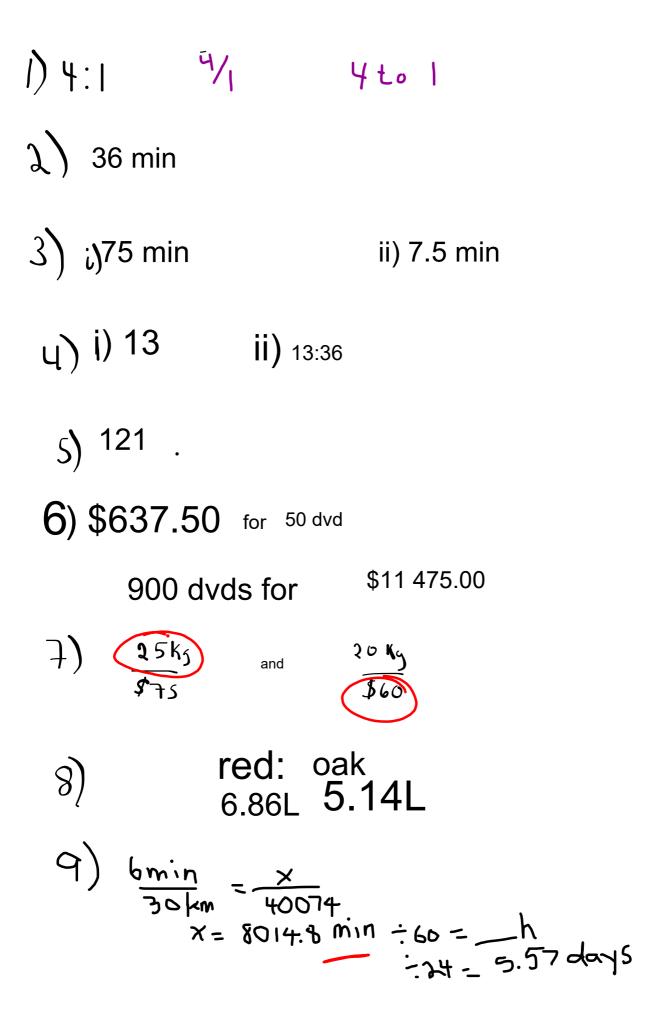
Many big screen TV's have an aspect ratio of 16:9. This means that for every 16 inches of width, the TV will be 9 inches high. Calculate the height of a TV that is 27 inches wide.

$$\frac{16}{9} = \frac{27}{x}$$

16x = 243
x = 15 1875

The height of the TV would be 15.2 inches.





0

$$\begin{array}{c}
p_{273} \\
1. a) n=5 \\
0. n=136 \\
2. n=35 \\
3. aas \\
4. Aaron=48 \\
5. 66 cn \\
6) 192 \\
\end{array} \qquad \begin{array}{c}
G & S \\
2. g \\
\hline
G & S \\$$

9

A:
$$1 : M$$

 $4 : 3 : 2$
 $\xi_{12} \quad (x_{12} \quad 2 \times 1^{3})$
 $48 : 36 : 24$

M: D $x^{3} \begin{pmatrix} 60 \\ m \end{pmatrix} \\ 80 \\ m \end{pmatrix} \\ x^{3} \\$





The cost of one unit; a rate expressed as a fraction in which the denominator is 1.

*** allows you to compare prices and determine the 'best buy'

EX: Five MVHS T-shirts cost \$40. The unit price is :



 $\frac{\$40.00}{5} = \frac{\$8.00}{1}$

The rate or cost for one item or unit.

EX: Lay's chips can produce 25 000 bags of chips in a regular 8 hour shift. The unit rate is:

> <u>25 000</u> = 3125 bags/hour 8

Example #1:

Shoppers has a sale on Sunday where you can buy six 710 mL of pop for \$1.99. Calculate the unit price of 1 pop.



Example 2:

Shortcake picks fresh strawberries at a U-pick farm in Derby. If she fills a pint basket (0.5506 litres), it

cost her \$1.50. If she fills a 4-litre ice cream pail, it will cost \$10.00.

Which size of container will give her a better buy?

1.50 1.50 0.55062 10 42 2.72/2 2.72/2 2.72/2 2.72/2 2.72/2 2.72/2

COMPARISON SHOPPING...

- let's go online and check out their site / sales flyer!!!

Super ValuVS Sobey's VS Costco

http://calgary.ctvnews.ca/ctv-grocery-price-comparison-for-november-1.1550350











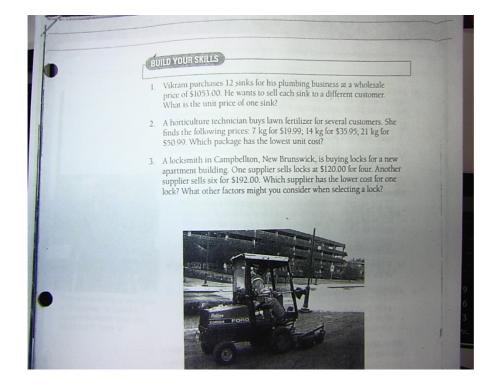


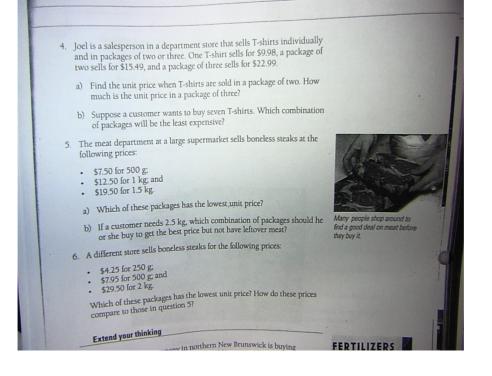


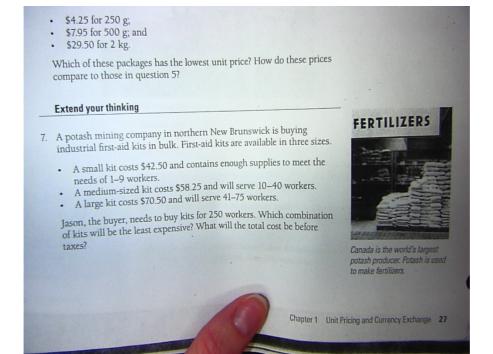


P. 26: Questions #1-7

1.2 Build Your Skills Detailed Solutions.pdf 0







- 1.2 Build Your Skills Detailed Solutions.pdf
- 1.3 Build Your Skills Detailed Solutions.pdf
- 1.1 Build Your Skills Detailed Solutions.pdf