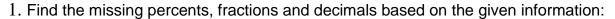
ASC

Decimals & Percent





NO CALCULATORS

| | Fraction | Decimal | Percent |
|----|-----------------|---------|---------|
| a. | $\frac{5}{8}$ | | |
| b. | | 0.75 | |
| c | | | 40% |
| d. | | 0.125 | |
| е. | $\frac{1}{6}$ | | |
| f. | | | 37 ½ % |
| g. | | 0.045 | |
| h. | $7\frac{3}{5}$ | | |
| i. | | | 250% |
| j. | $\frac{9}{400}$ | | |

Academic Success Centre

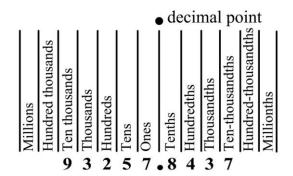
www.rrc.mb.ca/lac

dearthdancer@rrc.ca

http://www.youtube.com/rrcwiseguys Page | 1 http://blogs.rrc.ca/delaney/



PLACE VALUE & ROUNDING DECIMAL NUMBERS:

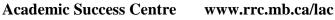


2. Round numbers to the indicated place value:

- a. Round 147.866 to the hundredth place.
- b. What is the place value of the 5 in 32.605?
- c. What digit is in the hundreds place in the number 2 174.392?
- d. Round 32.63 to the tens place.
- e. A motor has a horsepower rating of 45.497. Round to the nearest whole number.

Solve the following Percentage questions:

- 3. What percent of 348 is 87?
- 4. 50% of what number is 36?
- 5. 34.5% of 336 is what number?
- 6. 28 is what percent of 85 (to the nearest tenth percent)?



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- 7. 12 ½ % of what number is 43?
- 8. What number is 134% of 115?
- 9. What percent is 2 out of 300?
- 10. What percent of 125 is 625?

ANSWERS:

1.

- a. 0.625; 62.5 %
- b. $\frac{3}{4}$; 75%
- c. 0.4; $\frac{2}{5}$
- d. $\frac{1}{8}$; 12.5%
- e. 0.166; 16.7%
- f. $\frac{3}{8}$; 0.375
- g. $\frac{9}{200}$; 4.5%
- h. 7.6; 760%
- i. $2\frac{1}{2}$; 2.5
- j. 0.0225; 2.25%

2.

- a. 147.87
- b. Thousandth
- c. 1
- d. 30
- e. 45
- 3. 25%
- 4. 72
- 5. 115.92
- 6. 32.9%
- 7. 344
- 8. 154.1
- 9. 0.667% OR $\frac{2}{3}$ %
- 10.500%

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