

Section 2.2 Extra Practice

1. Estimate the answer. Then, calculate.

a) $0.5 + (-3.1)$

Estimate:

$$1 + (-3)$$

= _____

Calculate:

b) $-6.9 + (-8.0)$

Estimate:

Calculate:

c) $7.82 - 5.37$

Estimate:

Calculate:

d) $2.75 - (-4.13)$

Estimate:

Calculate:

2. Estimate the answer. Then, calculate. Round your answers to the nearest hundredth, if necessary.

a) -4.2×6.5

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b) $-5.1 \times (-9.3)$

Estimate:

$$-4 \times 7$$

= _____

Calculate:

Estimate:

Calculate:



Name: _____

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(continued)

c) $-1.68 \div (-1.4)$

Estimate:

Calculate:

d) $35.7 \div (-4.2)$

Estimate:

Calculate:

e) $(2.7)(-4.2)$

Estimate:

Calculate:

f) $-9.93 \div (-0.33) - 6.12 \div (-1.2)$

Estimate:

Calculate:

g) $-6 \div 9$

Estimate:

Calculate:

h) $(-0.29)(-0.9)$

Estimate:

Calculate:



Name: _____ Date: _____

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(continued)

Order of operations:
• Brackets first
• Multiply and divide from left to right
• Add and subtract from left to right

3. Use order of operations to calculate.

a) $-6.2 + (-0.72) \div (-1.3 + 0.4)$

$= -6.2 + (-0.72) \div \underline{\hspace{2cm}}$

$= -6.2 + \underline{\hspace{2cm}}$

$= \underline{\hspace{2cm}}$

b) $-2.2 \times (-3.2) + (-1) \times 2.3$

c) $-3.1 \times (-4) - 2.1$

d) $-6.2 \times (-4) - (1.02 \div 0.51)$

4. Camille's chequing account balance is \$135.25. She writes a cheque for the amount of \$159.15. What is the balance in her account now?

Expression: _____

Solve:

Sentence: _____



Name: _____

Date: _____

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(continued)

5. On a cold winter Monday in Calgary, the temperature reached a high of -12°C . On Tuesday, the high went up by 4°C . On Wednesday, it went down 11°C . On Thursday, it went up by 9°C . On Friday, it cooled down by 3°C . What was the temperature on Friday?

Expression: _____

Solve:

Sentence: _____

6. The hottest day in Canada on record was on July 5, 1937, in Midale and Yellowgrass, Saskatchewan. The temperature reached 45°C . The coldest day in Canada was in Snag, Yukon, at -63°C . What is the difference in temperature between the hottest day and coldest day in Canada?

Expression: _____

Solve:

Sentence: _____



Name: _____ Date: _____

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(continued)

8. For each set of numbers, find

- the range
- the median
- the mean

Show your work. Round your answer to the nearest hundredth, if necessary.

a) 2.5, 1.8, 0.6, 5.8, -0.5

Range = highest number - lowest number

Add the opposite.

Median:

Arrange the numbers from lowest to highest: _____

Median = _____

Mean = $\frac{\text{sum of all numbers}}{\# \text{ of items (numbers)}}$

b) -7.3, 14.2, 9.1, 12.3,

