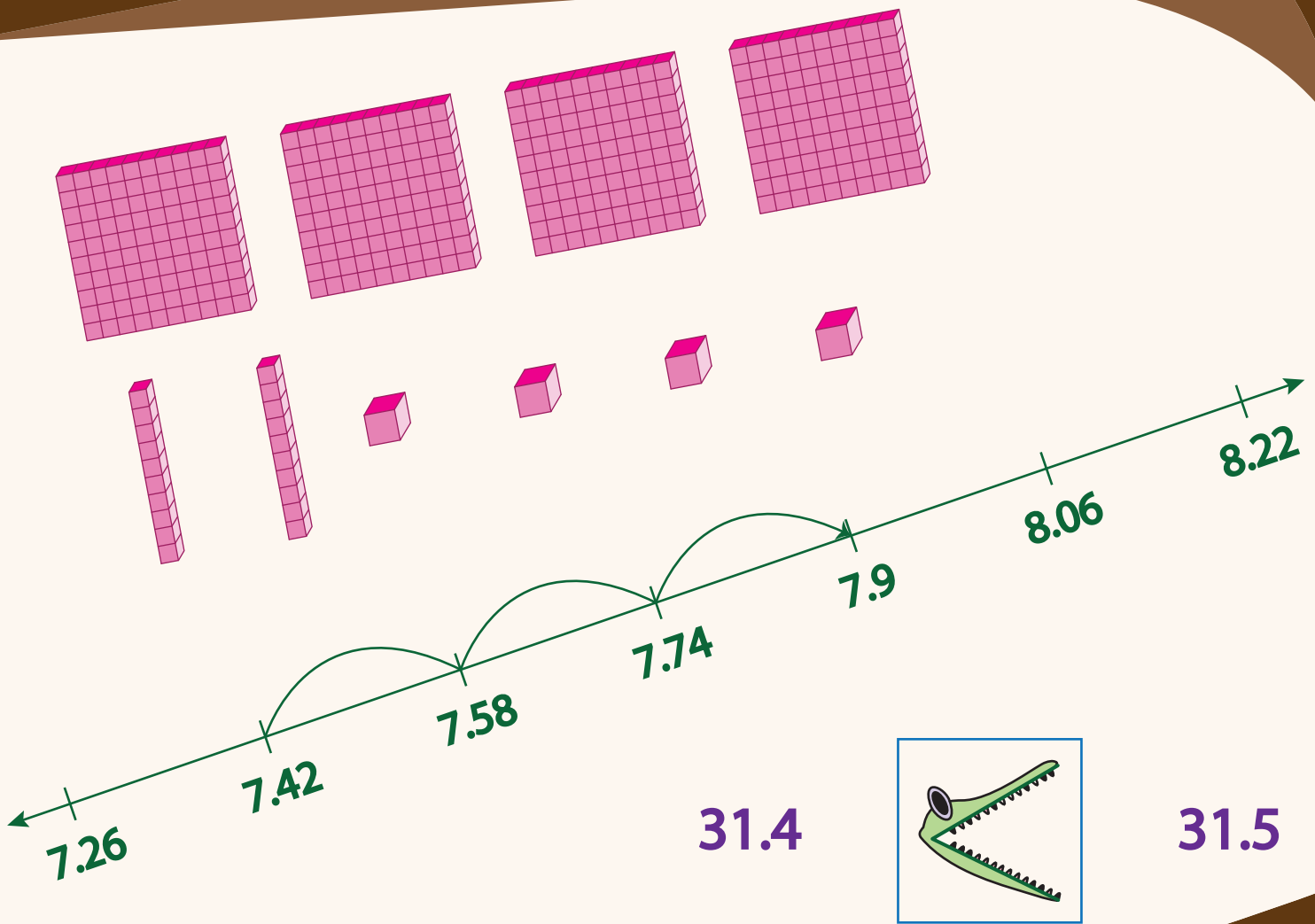


Number and Operations

5th Grade



Workbook 1

Number Names - Decimals

Write each decimal in words.

- 1) 283.016 _____

- 2) 8.65 _____

- 3) 55.8 _____

- 4) 651.20 _____

- 5) 7.9 _____

Write in decimals.

- 1) six and seven hundred forty-two thousandths

- 2) five hundred nineteen and three tenths

- 3) seventy-two and four tenths

- 4) forty-eight and sixty-five hundredths

- 5) ninety-four and one thousandth

Standard and Expanded Form

Write in expanded form.

1) 689.435

2) 24.17

3) 36.9

4) 1.824

5) 709.63

6) 8.6

Write in standard form.

1) $200 + 10 + 6 + 0.3$

2) $4 + 0.9 + 0.008$

3) $50 + 2 + 0.6$

4) $900 + 30 + 7 + 0.2 + 0.01$

5) $80 + 8 + 0.1 + 0.05$

6) $300 + 70 + 3 + 0.08 + 0.009$

Standard and Expanded Form

Write in expanded form.

1) 531.029

2) 17.3

3) 3.16

4) 895.267

5) 2.874

Write in standard form.

1) $(6 \times 10) + (8 \times 1) + \left(3 \times \frac{1}{10}\right) + \left(5 \times \frac{1}{100}\right)$

2) $(9 \times 1) + \left(4 \times \frac{1}{10}\right) + \left(2 \times \frac{1}{100}\right)$

3) $(7 \times 10) + \left(2 \times \frac{1}{10}\right) + \left(8 \times \frac{1}{100}\right) + \left(6 \times \frac{1}{1000}\right)$

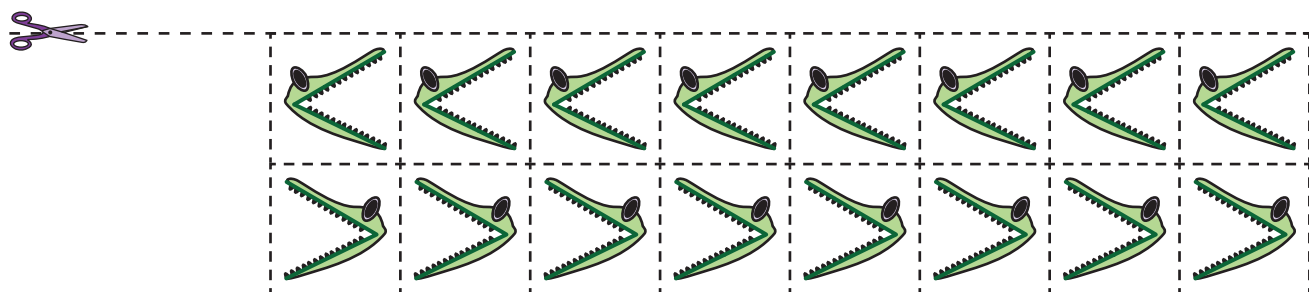
4) $(4 \times 100) + (2 \times 10) + (6 \times 1) + \left(1 \times \frac{1}{100}\right)$

5) $(5 \times 10) + (9 \times 1) + \left(3 \times \frac{1}{10}\right)$

Comparing Decimals

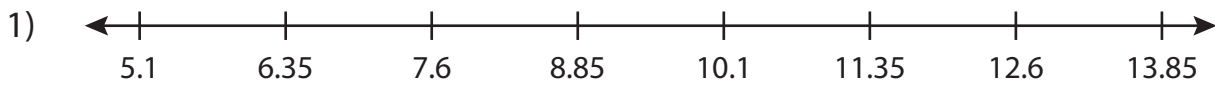
Sally, the alligator loves to snap up the greater decimal. Cut out the alligators from the bottom of the page and glue them in the boxes.

- | | | | | | | | |
|-----|--------|----------------------|--------|-----|--------|----------------------|--------|
| 1) | 95.02 | <input type="text"/> | 95.002 | 2) | 6.5 | <input type="text"/> | 6.51 |
| 3) | 8.456 | <input type="text"/> | 8.476 | 4) | 24.772 | <input type="text"/> | 24.672 |
| 5) | 73.8 | <input type="text"/> | 73.6 | 6) | 9.93 | <input type="text"/> | 9.931 |
| 7) | 1.37 | <input type="text"/> | 2.47 | 8) | 88.1 | <input type="text"/> | 88.09 |
| 9) | 44.069 | <input type="text"/> | 44.036 | 10) | 71.368 | <input type="text"/> | 71.378 |
| 11) | 31.4 | <input type="text"/> | 31.5 | 12) | 4.62 | <input type="text"/> | 3.062 |
| 13) | 12.91 | <input type="text"/> | 12.09 | 14) | 58.4 | <input type="text"/> | 58.41 |
| 15) | 5.428 | <input type="text"/> | 6.2 | 16) | 63.53 | <input type="text"/> | 63.051 |



Comparing Decimals - Number Line

Read the number line. Compare each pair of decimals using the symbols $>$, $<$ or $=$.



a) 10.05 10.35

b) 5.76 5.76

c) 6.9 6.29

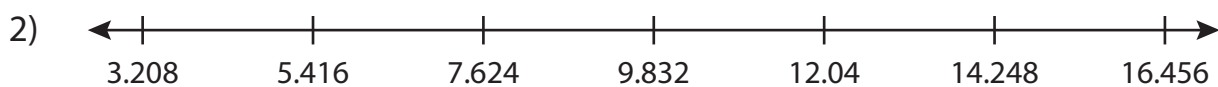
d) 11.32 11.4

e) 13.83 13.83

f) 8.89 8.8

g) 7.5 8.5

h) 12.2 12.2



a) 12.136 12.036

b) 5.412 5.51

c) 16.04 16.04

d) 14.34 14.247

e) 7.623 7.625

f) 6.529 6.529

g) 3.5 3.5

h) 12.33 12.033

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Decimal Subtraction - Hundredths

$$\begin{array}{r} 1) \quad 50.36 \\ - \quad 3.64 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 1.89 \\ - \quad 0.09 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 75.46 \\ - \quad 1.57 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 81.51 \\ - \quad 46.03 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 38.92 \\ - \quad 7.54 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 6.84 \\ - \quad 3.12 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 79.68 \\ - \quad 61.35 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 90.34 \\ - \quad 8.41 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 20.17 \\ - \quad 9.28 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 41.26 \\ - \quad 2.83 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 54.72 \\ - \quad 37.61 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 3.91 \\ - \quad 0.16 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 8.57 \\ - \quad 1.57 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 27.84 \\ - \quad 5.73 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 98.03 \\ - \quad 72.98 \\ \hline \end{array}$$

Decimal Subtraction - Hundredths

$$\begin{array}{r} 1) \quad 983.47 \\ - \quad 571.23 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 52.14 \\ - \quad 39.68 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 761.51 \\ - \quad 42.78 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 461.85 \\ - \quad 98.62 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 325.54 \\ - \quad 3.76 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 8.65 \\ - \quad 4.31 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 28.76 \\ - \quad 5.94 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 194.31 \\ - \quad 71.85 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 613.97 \\ - \quad 158.12 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 647.15 \\ - \quad 6.31 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 576.23 \\ - \quad 15.47 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 895.84 \\ - \quad 27.11 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 709.52 \\ - \quad 254.18 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 37.18 \\ - \quad 8.92 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 929.46 \\ - \quad 6.23 \\ \hline \end{array}$$

Decimal Subtraction - Hundredths

Line up the decimals in vertical form and subtract.

1) $70.87 - 53.23$

2) $69.61 - 1.35$

3) $8.08 - 6.96$

4) $5.19 - 3.71$

5) $96.03 - 46.89$

6) $14.75 - 2.07$

7) $7.35 - 5.92$

8) $0.58 - 0.45$

9) $34.21 - 12.61$

10) $23.54 - 1.19$

11) $9.15 - 8.66$

12) $2.56 - 1.24$

Decimal Multiplication

$$\begin{array}{r} 1) \quad 4.15 \\ \times \quad 9.23 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 7.79 \\ \times \quad 8.54 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 5.98 \\ \times \quad 2.67 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 9.78 \\ \times \quad 4.84 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 2.44 \\ \times \quad 8.45 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 2.54 \\ \times \quad 7.47 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 1.93 \\ \times \quad 9.61 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 0.15 \\ \times \quad 3.78 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 8.26 \\ \times \quad 1.04 \\ \hline \\ \hline \\ \hline \end{array}$$

Divide

(a) $7.381 \div 1.21$

(b) $19.824 \div 3.54$

(c) $14.256 \div 5.28$

(d) $37.444 \div 8.14$

(e) $18.354 \div 4.83$

(f) $7.992 \div 6.66$

(g) $16.985 \div 2.15$

(h) $27.666 \div 3.18$

(i) $23.075 \div 9.23$

(j) $52.521 \div 8.61$

(k) $8.232 \div 1.68$

(l) $9.486 \div 5.27$