

Decimal Addition

A-DA 1

Instructions: Add these decimals using the procedure you learned in the video. Don't forget to line up the decimal points when adding.

1 $5.8 + 12.4$

2 $3.2 + 0.5$

3 $10.9 + 0.12$

$$\begin{array}{r} 1 \\ 5.8 \\ + 12.4 \\ \hline 18.2 \end{array}$$

4 $245 + 8.9$

5 $17.2 + 25.6$

6 $83.6 + 2.125$

7 $0.412 + 0.65$

8 $33.75 + 9.8$

9 $0.123 + 45.6$

Decimal Subtraction

A-DA 2

Instructions: Subtract these decimals using the procedure you learned in the video. Don't forget to line up the decimal points when subtracting and remember that order matters in subtraction.

1 $9.23 - 4.5$

2 $8.0 - 0.6$

3 $12 - 1.3$

$$\begin{array}{r} 8 \\ \cancel{9}.23 \\ - 4.50 \\ \hline 4.73 \end{array}$$

4 $8.9 - 5.7$

5 $50.7 - 42.1$

6 $81.3 - 6.75$

7 $129.8 - 85.4$

8 $0.745 - 0.561$

9 $4.925 - 3.8$

Decimal Multiplication

A-DA 3

Instructions: Multiply these decimals using the procedure you learned in the video. (Remember to pretend that you are working with whole numbers and then shift the decimal in your answer.)

1 3.2×5.26

$$\begin{array}{r} & & & & 1 & & & & \\ & & & & \downarrow & & & & \\ & & & & 5.26 & & & & \\ & & \times & & 3.2 & & & & \\ \hline & & & & 1052 & & & & \\ + & & & & 15780 & & & & \\ \hline & & & & 16832 & & & & \end{array}$$

2 4.5×2.4

3 0.25×0.11

4 62×1.8

5 316×2.8

6 0.125×65

7 9.23×3.1

8 0.34×0.216

9 70.4×3.4

Decimal Division

A-DA 4

Instructions: Divide these decimals using the procedure you learned in the video. Remember, you can shift the decimals in both the divisor and the dividend to make an equivalent division problem that does not have a decimal divisor.

1
$$\begin{array}{r} 3.15 \\ 2.3 \overline{)7.245} \\ \underline{-69} \\ 34 \\ \underline{-23} \\ 115 \\ \underline{-115} \\ 0 \end{array}$$

2
$$1.1 \overline{)25.85}$$

3
$$8 \overline{)69.6}$$

4
$$0.12 \overline{)5.676}$$

5
$$2.5 \overline{)3675}$$

6
$$1.4 \overline{)284.2}$$

Decimal Arithmetic - Mixed Practice

A-DA 5

Instructions: Solve each problem using the procedures you learned in the video.

1 $28 - 6.3$

2 0.32×0.49

3 $42.5 + 0.63$

4 2.67×5.4

5 $925 + 7.5$

6 $0.13 \overline{)4.212}$

7 $7.042 - 6.1$

8 $0.758 + 62.9$

9 $0.5 \overline{)48.75}$