

Name: KEP Date: _____ Core: _____

Decimal Practice: All Operations

1. $32.17 + (-17.488)$ Answer: <u>14.682</u>	2. $-80(4.54)$ Answer: <u>-363.2</u>
3. $-\frac{1.28}{3.2}$ Answer: <u>-.4</u>	4. $-23.4p + -30p$ Answer: <u>-53.4p</u>
5. $612 \div (-7.2)$ Answer: <u>-85</u>	6. $15.8k + -46.9k$ Answer: <u>-31.1k</u>
7. $-14.211 - (-8.223)$ Answer: <u>-5.988</u>	8. $-4.5(-6.23)$ Answer: <u>28.035</u>
9. 42.5×-3.62 Answer: <u>-153.85</u>	10. $17.3g - 21.4g$ Answer: <u>-4.1g</u>

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DECIMALS: WORD PROBLEM PRACTICE

Solve each word problem. Make sure to use the correct operation!

1. Jill measures some scrap boards in her garage to see if she has enough to make a border around her garden. She needs 10 meters total. The boards measure 2.75 meters, 3.2 meters, 1.65 meters, and 2.6 meters. Does Jill have enough?

Yes, 10.2m

2. If we give the store clerk a \$20 bill for a shirt that costs \$22.95, how much more do we owe the store clerk?

\$2.95

3. Bob wants to buy a sweater that costs \$35.75, a shirt for \$19.95, and slacks for \$27.50. How much money is he in the hole if he only has \$60?

- \$23.20

4. At the lumberyard, lumber costs \$0.95 a foot. If you need 6.5 feet, how much will you pay?

\$6.18

5. In Chicago, the average wind speed is 10.4 mi/h. In Great Falls, the average wind speed is 13.1 mi/h. How much greater is the average wind speed in Great Falls than in Chicago?

2.7 mi/h

6. Mary makes \$7.56 an hour working at the local fast food restaurant. What will her pay be if she works 7.5 hours?

\$56.70

7. In order to mow the lawn, we need to buy some gasoline for our lawnmower. If we bought 3.5 gallons of gas and paid \$4.55, how much did the gas cost per gallon?

\$1.30 per gal

8. On our trip yesterday we traveled 149.5 miles and took 2.5 hours. Determine our average rate of speed (miles per hour).

59.8 mi/hr