

PROBLEM RECOGNITION EXERCISES

Name: _____ Section: _____

Adding, Subtracting, Multiplying, and Dividing Real Numbers

Perform the indicated operations.

1. a. $-8 - (-4)$ b. $-8(-4)$ c. $-8 + (-4)$ d. $-8 \div (-4)$

2. a. $12 + (-2)$ b. $12 - (-2)$ c. $12(-2)$ d. $12 \div (-2)$

3. a. $-36 + 9$ b. $-36(9)$ c. $-36 \div 9$ d. $-36 - 9$

4. a. $27 - (-3)$ b. $27 + (-3)$ c. $27(-3)$ d. $27 \div (-3)$

5. a. $-5(-10)$ b. $-5 + (-10)$ c. $-5 \div (-10)$ d. $-5 - (-10)$

6. a. $-20 \div 4$ b. $-20 - 4$ c. $-20 + 4$ d. $-20(4)$

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7. a. $-4(-16)$

b. $-4 - (-16)$

c. $-4 \div (-16)$

d. $-4 + (-16)$

8. a. $-21 \div 3$

b. $-21 - 3$

c. $-21(3)$

d. $-21 + 3$

9. a. $80(-5)$

b. $80 - (-5)$

c. $80 \div (-5)$

d. $80 + (-5)$

10. a. $-14 - (-21)$

b. $-14(-21)$

c. $-14 \div (-21)$

d. $-14 + (-21)$

11. a. $|-6| + |2|$

b. $|-6 + 2|$

c. $|-6| - |2|$

d. $|-6 - 2|$

12. a. $-|9| - |-7|$

b. $|-9| - |-7|$

c. $-|9 - 7|$

d. $|-9 - 7|$