



Practice exercise: Signed Numbers

Subtopic: Multiplying and Dividing Signed Numbers

A. Multiply

- **Eg: (-50)(40)**

- **- 2000**

1. $2 \left(2 + 3(2 - 6) \right) - 4(-3) = \underline{\hspace{2cm}}$

2. $(-250)(-50) = \underline{\hspace{2cm}}$

3. $(2\,222 - 1\,111)(-110) = \underline{\hspace{2cm}}$

4. $-2\,369(-30) = \underline{\hspace{2cm}}$

5. $1\,470(-15) = \underline{\hspace{2cm}}$

6. $931(-20) = \underline{\hspace{2cm}}$

7. $-1\,789(-4)(-12) = \underline{\hspace{2cm}}$

8. $(3\,470 - 1597)(-25) = \underline{\hspace{2cm}}$

9. $(-7\,892 + 50(15)) = \underline{\hspace{2cm}}$

10. $(-125(-40) - 3\,456) = \underline{\hspace{2cm}}$

B. Divide

- **Eg: 800 by (- 20) = - 40**

- **800 ÷ (- 20) = - 40**

1. - 135 by 15 = _____

2. - 780 by (- 20) = _____

3. 2 469 by (- 3) = _____

4. - 4 862 by 22 = _____

5. - 2 015 by (- 5) = _____

6. $\frac{(-12)(-8)}{(-3)(-4)} =$ _____

7. $\frac{(250)(-20)}{(25)(10)} =$ _____

8. $\frac{(115)(-150)}{-15(-2)} =$ _____

9. $\frac{(1230)(-10)}{(-15)(-4)} =$ _____

10. $\frac{(-250)(-3)}{50(-5)} =$ _____

Answer Key

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A.

1. -16
2. 12 500
3. -122 210
4. 71 070
5. -22 050
6. -18 620
7. -85 872
8. -46 825
9. -7 142
10. 1 544

B.

1. -9
2. 39
3. -823
4. -221
5. 403
6. 8
7. -20
8. -575
9. -250
10. -3