

Name: _____

Arithmetic Operations with Rational Numbers

Find the sum or difference.

1) $-\frac{11}{9} + (-\frac{7}{9})$

2) $\frac{5}{11} + (-\frac{6}{11})$

3) $4.57 + (-3.69)$

4) $-1.7 + (-3.9)$

5) $-2.31 + 7.62$

6) $-0.007 + 0.06$

7) $\frac{3}{4} + (-\frac{7}{12})$

8) $-\frac{1}{8} + (-\frac{5}{2})$

9) $-\frac{3}{8} + \frac{5}{24}$

10) $\frac{2}{3} + (-\frac{2}{9})$

11) $-0.006 - 0.0052$

12) $-0.2 - 0.4 - (-0.7)$

13) $\frac{1}{2} + (-\frac{1}{4}) - \frac{3}{4}$

14) $-\frac{1}{5} - \frac{3}{5} - (-\frac{4}{5})$

15) $-\frac{3}{5} + \frac{6}{7} + (-\frac{2}{35})$

16) $\frac{5}{8} - (-\frac{3}{16}) + (-\frac{7}{24})$

Find each product.

17) $5(12)$

18) $(-6)(11)$

19) $(\frac{3}{5})(-\frac{4}{7})$

20) $(-\frac{7}{8})(-\frac{1}{3})$

21) $4(-\frac{7}{8})$

22) $(-5)(-\frac{2}{5})$

23) $\frac{3}{5}(5)(-2)(-\frac{1}{2})$

24) $(-4)(0)(-2)(-3)$

25) $\frac{2}{11}(-11)(-4)(-\frac{3}{4})$

26) $-\frac{1}{3}(-\frac{3}{4})(-\frac{4}{5})$