

Name: _____

Date: _____

Extra Practice (5.3 - 5.4)

Find each product. Write in simplest form. (lesson 5.3)

1) $\frac{3}{4} \cdot \frac{2}{3}$

2) $-\frac{3}{7} \cdot \left(-\frac{21}{39}\right)$

3) $-50 \cdot \frac{3}{1000}$

4) $\frac{16}{17} \cdot \left(-\frac{5}{8}\right)$

5) $4\frac{1}{8} \cdot 1\frac{5}{11}$

6) $-2\frac{14}{25} \cdot 4\frac{3}{8}$

7) $2\frac{9}{10} \cdot \left(-1\frac{1}{5}\right)$

8) $\frac{a}{3} \cdot \frac{1}{b}$

9) $\frac{4p}{3q} \cdot \frac{pq}{2p}$

10) $\frac{rs}{9t} \cdot \frac{3}{s^2}$

11) $2x \cdot \frac{1}{4x^2}$

12) $\frac{d^2}{4e} \cdot \frac{16e^2}{3d}$

13) $\frac{2}{w} \cdot \frac{3}{w}$

Find each quotient. Write in simplest form. (lesson 5.4)

14) $-\frac{3}{8} \div \frac{9}{24}$

15) $-\frac{17}{20} \div \left(-\frac{3}{20}\right)$

16) $\frac{8}{9} \div \frac{22}{81}$

17) $-1\frac{1}{2} \div \frac{1}{4}$

18) $8\frac{4}{9} \div 2\frac{1}{9}$

19) $-2\frac{5}{6} \div \frac{3}{51}$

20) $4\frac{11}{12} \div \left(-4\frac{5}{6}\right)$

21) $\frac{a}{4} \div \frac{a}{8}$

22) $\frac{y}{x} \div y^2$

23) $\frac{4k}{5} \div \frac{25}{2k}$

24) $\frac{a^2}{b^2} \div \frac{c^2}{b^2}$

25) $-\frac{2x}{4} \div \frac{4}{y}$

26) $\frac{m^2}{2np} \div \frac{n}{4p}$