

Warm up:

$$6.52(4.3)$$

$$\begin{array}{r}
 2 \quad 1 \\
 \times \quad 6.52 \\
 \hline
 1956 \\
 26080 \\
 \hline
 28.036
 \end{array}$$

$$\begin{array}{r}
 2 \quad 1 \\
 6.52 \\
 \times 4.30 \\
 \hline
 19560 \\
 260800 \\
 \hline
 28.0360
 \end{array}$$

$$28.036$$

2 1 1 2.951(3.28)

2.951
x 3.28

23608
59020
885300

9.67928

$$15.34 \div 5.9$$

$$5.9 \overline{) 15.34}$$

$$\begin{array}{r} 2.6 \\ 59 \overline{) 15.34} \\ \underline{-118} \downarrow \\ 354 \\ \underline{-354} \\ 0 \end{array}$$

$$\begin{array}{r} 1 \\ 59 \\ \times 2 \\ \hline 118 \end{array} \quad \begin{array}{r} 5 \\ 59 \\ \times 6 \\ \hline 354 \end{array}$$

$$2.6$$

$$36.49 \div 4.45$$

$$\underline{4.45} \overline{) 36.49}$$

$$\begin{array}{r} 8.2 \\ 445 \overline{) 3649.0} \\ \underline{-3560} \downarrow \\ 890 \\ \underline{-890} \\ 0 \end{array}$$

$$\begin{array}{r} 3 445 \\ \times 7 \\ \hline 3115 \end{array} \quad \begin{array}{r} 3 445 \\ \times 8 \\ \hline 3560 \end{array}$$

$$\begin{array}{r} 445 \\ \times 2 \\ \hline 890 \end{array}$$

8.2

(21)

$$\begin{array}{r} -25 + (-9) \\ -34 \end{array}$$

$$-2\frac{1}{2} + \left(-\frac{9}{10}\right)$$

$$-\frac{5}{2} + \left(-\frac{9}{10}\right)$$

$$-\frac{25}{10} + \left(-\frac{9}{10}\right)$$

$$-\frac{34}{10} = -3\frac{4}{10} = \left(-3\frac{2}{5}\right)$$

$$\textcircled{25} \quad -3.1 - (-5.79)$$
$$-3.1 + 5.79$$

$$\begin{array}{r} 5.79 \\ - 3.10 \\ \hline 2.69 \end{array}$$

$$\textcircled{2.69}$$

$$\textcircled{23} \quad 0.9 - 1.41$$

$$0.9 + (-1.41)$$

$$\begin{array}{r} \cancel{+}1.41 \\ -0.90 \\ \hline 0.51 \end{array}$$

$$\textcircled{-0.51}$$

identity
commutative
associative
distributive

②

$$\begin{array}{r} \sqrt{23} \\ \times 161 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 112 \\ \hline \end{array}$$

$$-5\frac{3}{4} - (-1\frac{5}{7})$$

$$-\frac{23}{4} - (-\frac{12}{7})$$

$$-\frac{161}{28} - (-\frac{48}{28})$$

$$-\frac{113}{28} = -4\frac{1}{28}$$

$$-161 - (-48)$$

$$-161 + 48$$

$$\begin{array}{r} 161 \\ - 48 \\ \hline 113 \end{array}$$

②

$$3 - 7\frac{5}{8}$$

$$\frac{3}{1} - \frac{61}{8}$$

$$\frac{24}{8} - \frac{61}{8}$$

$$-\frac{37}{8} = -4\frac{5}{8}$$

$$\begin{array}{r} 24 - 61 \\ 24 + (-61) \\ \hline \end{array}$$

$$\begin{array}{r} 5\cancel{6}1 \\ -24 \\ \hline -37 \end{array}$$

⑬

$$\frac{2}{3} + \left(-\frac{4}{9}\right)$$

$$\frac{6}{9} + \left(-\frac{4}{9}\right)$$

$$\frac{2}{9}$$

$$\begin{array}{r} 6 + (-4) \\ \hline 2 \end{array}$$

⑫ $-17 + 12 = -5$

$-5m$

⑬ $-6 + 13 = 7$

gain \$7 million

$$50.0254 \div 7.78$$