

# ANSWER PRESENTATION TOOL

Green - Student Edition ▼ 2 ▼ Chapter Review ▼ 1-34

ALL EVEN

Show Solutions

ODD

$$1. \frac{1}{8} \times \frac{5}{7} = \frac{1 \times 5}{8 \times 7} = \frac{5}{56}$$

$$2. \frac{3}{5} \times \frac{1}{2} = \frac{3 \times 1}{5 \times 2} = \frac{3}{10}$$

$$3. \frac{2}{9} \times \frac{3}{4} = \frac{2 \times 3}{9 \times 4} = \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times \underset{2}{\cancel{4}}} = \frac{1}{6}$$

$$4. \frac{3}{10} \times \frac{4}{5} = \frac{3 \times 4}{10 \times 5} = \frac{3 \times \overset{2}{\cancel{4}}}{\underset{5}{\cancel{10}} \times 5} = \frac{6}{25}$$

$$5. 2\frac{2}{3} \times \frac{4}{5} = \frac{8}{3} \times \frac{4}{5} = \frac{8 \times 4}{3 \times 5} = \frac{32}{15} = 2\frac{2}{15}$$

$$6. \frac{2}{7} \times 4\frac{4}{9} = \frac{2}{7} \times \frac{40}{9} = \frac{2 \times 40}{7 \times 9} = \frac{80}{63} = 1\frac{17}{63}$$

$$7. 1\frac{5}{6} \times 2\frac{3}{8} = \frac{11}{6} \times \frac{19}{8} = \frac{11 \times 19}{6 \times 8} = \frac{209}{48} = 4\frac{17}{48}$$

$$8. 2\frac{3}{10} \times 5\frac{1}{3} = \frac{23}{10} \times \frac{16}{3}$$

$$= \frac{23 \times \overset{8}{\cancel{16}}}{\underset{5}{\cancel{10}} \times 3}$$

$$= \frac{184}{15}$$

$$= 12\frac{4}{15}$$

$$9. \frac{1}{9} \div \frac{2}{5} = \frac{1}{9} \times \frac{5}{2} = \frac{1 \times 5}{9 \times 2} = \frac{5}{18}$$

$$10. \frac{3}{4} \div \frac{5}{6} = \frac{3}{4} \times \frac{6}{5} = \frac{3 \times \overset{3}{\cancel{6}}}{\underset{2}{\cancel{4}} \times 5} = \frac{9}{10}$$

$$11. 5 \div \frac{1}{3} = 5 \times 3 = 15$$

$$12. \frac{8}{9} \div \frac{3}{10} = \frac{8}{9} \times \frac{10}{3} = \frac{8 \times 10}{9 \times 3} = \frac{80}{27} = 2\frac{26}{27}$$

$$13. 1\frac{2}{5} \div \frac{4}{7} = \frac{7}{5} \div \frac{4}{7} = \frac{7}{5} \times \frac{7}{4} = \frac{7 \times 7}{5 \times 4} = \frac{49}{20} = 2\frac{9}{20}$$

$$14. 2\frac{3}{8} \div \frac{3}{5} = \frac{19}{8} \div \frac{3}{5} = \frac{19}{8} \times \frac{5}{3} = \frac{19 \times 5}{8 \times 3} = \frac{95}{24} = 3\frac{23}{24}$$

$$\begin{aligned}
 15. \quad 4\frac{1}{8} \div 2\frac{1}{4} &= \frac{33}{8} \div \frac{9}{4} \\
 &= \frac{33}{8} \times \frac{4}{9} \\
 &= \frac{\overset{11}{\cancel{33}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times \underset{3}{\cancel{9}}} \\
 &= \frac{11}{6} \\
 &= 1\frac{5}{6}
 \end{aligned}$$

$$\begin{aligned}
 \mathbf{16.} \quad 5\frac{5}{8} \div 1\frac{2}{9} &= \frac{45}{8} \div \frac{11}{9} \\
 &= \frac{45}{8} \times \frac{9}{11} \\
 &= \frac{45 \times 9}{8 \times 11} \\
 &= \frac{405}{88} \\
 &= 4\frac{53}{88}
 \end{aligned}$$

$$\mathbf{17.} \quad 10 \div \frac{2}{3} = 10 \times \frac{3}{2} = \frac{\overset{5}{\cancel{10}} \times 3}{\underset{1}{\cancel{2}}} = 15$$

You can make pancakes 15 times.

$$\begin{array}{r}
 \mathbf{18.} \quad \overset{1}{3}.\overset{1}{7}8 \\
 + 8.94 \\
 \hline
 12.72
 \end{array}$$

$$\begin{array}{r}
 \mathbf{19.} \quad \overset{11}{19}.\overset{1}{8}90 \\
 + 4.372 \\
 \hline
 24.262
 \end{array}$$

$$\begin{array}{r}
 20. \quad \overset{5 \ 13}{7.\cancel{6}\cancel{7}8} \\
 - 2.365 \\
 \hline
 5.273
 \end{array}$$

$$\begin{array}{r}
 21. \quad \overset{0 \ 10}{14.2\cancel{1}\cancel{0}} \\
 - 4.103 \\
 \hline
 10.107
 \end{array}$$

$$\begin{array}{r}
 22. \quad 5.3 \\
 \times \quad 8 \\
 \hline
 42.4
 \end{array}$$

$5.3 \times 8 = 42.4$

**Estimate:**  $5.3 \times 8 \approx 5 \times 8 = 40$

$42.4 \approx 40 \checkmark$

$$\begin{array}{r}
 23. \quad 6.1 \\
 \times \quad 7 \\
 \hline
 42.7
 \end{array}$$

$6.1 \times 7 = 42.7$

**Estimate:**  $6.1 \times 7 \approx 6 \times 7 = 42$

$42.7 \approx 42 \checkmark$

**24.** 4.68

$$\begin{array}{r} \times \quad 3 \\ \hline 14.04 \end{array}$$

$$4.68 \times 3 = 14.04$$

**Estimate:**  $4.68 \times 3 \approx 5 \times 3 = 15$

$$14.04 \approx 15 \quad \checkmark$$

**25.** 9.475

$$\begin{array}{r} \times \quad 8.03 \\ \hline 28425 \\ 75800 \\ \hline 76.08425 \end{array}$$

$$9.475 \times 8.03 = 76.08425$$

**Estimate:**  $9.475 \times 8.03 \approx 9 \times 8 = 72$

$$76.08425 \approx 72 \quad \checkmark$$

**26.** 4.42

$$\begin{array}{r} \times \quad 0.27 \\ \hline 3094 \\ 884 \\ \hline 1.1934 \end{array}$$

$$0.27 \times 4.42 = 1.1934$$

**Estimate:**  $0.27 \times 4.42 \approx \frac{1}{4} \times 4 = 1$

$$1.1934 \approx 1 \quad \checkmark$$

$$\begin{array}{r}
 27. \quad 0.244 \\
 \times 0.051 \\
 \hline
 244 \\
 1220 \\
 \hline
 0.012444
 \end{array}$$

$$0.051 \times 0.244 = 0.012444$$

$$\text{Estimate: } 0.051 \times 0.244 \approx \frac{1}{20} \times \frac{1}{4} = \frac{1}{80} = 0.0125$$

$$0.012444 \approx 0.0125 \quad \checkmark$$

$$28. \quad A = \ell w = 13.8(10.4)$$

$$\begin{array}{r}
 13.8 \\
 \times 10.4 \\
 \hline
 552 \\
 138 \\
 \hline
 143.52
 \end{array}$$

The area of the computer screen is 143.52 square inches.

$$\begin{array}{r}
 29. \quad 1.7 \\
 4 \overline{)6.8} \\
 \underline{-4} \\
 28 \\
 \underline{-28} \\
 0
 \end{array}$$

$$6.8 \div 4 = 1.7$$

$$\text{Estimate: } 6.8 \div 4 \approx 8 \div 4 = 2$$

$$1.7 \approx 2 \quad \checkmark$$

$$\begin{array}{r}
 30. \quad 2.2 \\
 6 \overline{)13.2} \\
 \underline{-12} \phantom{0} \\
 12 \\
 \underline{-12} \\
 0
 \end{array}$$

$$13.2 \div 6 + 4 = 2.2 + 4 = 6.2$$

$$\text{Estimate: } 13.2 \div 6 + 4 \approx 12 \div 6 + 4 = 2 + 4 = 6$$

$$6.2 \approx 6 \quad \checkmark$$

$$\begin{array}{r}
 31. \quad 7.1 \\
 7 \overline{)49.7} \\
 \underline{-49} \phantom{0} \\
 07 \\
 \underline{-7} \\
 0
 \end{array}$$

$$49.7 \div 7 = 7.1$$

$$\text{Estimate: } 49.7 \div 7 \approx 49 \div 7 = 7$$

$$7.1 \approx 7 \quad \checkmark$$

$$\begin{array}{r}
 32. \quad 0.12 \overline{)3.60} \rightarrow 12 \overline{)360} \\
 \phantom{0.12} \overline{)3.60} \phantom{0} \\
 \phantom{0.12} \underline{-360} \\
 \phantom{0.12} 0
 \end{array}$$

$$3.6 \div 0.12 = 30$$

$$\text{Estimate: } 3.6 \div 0.12 \approx 3.6 \div 0.1 = 36 \div 1 = 36$$

$$30 \approx 36 \quad \checkmark$$



**33.**  $2.5 \overline{)0.125} \rightarrow 25 \overline{)1.25}$

$$\begin{array}{r} 0.05 \\ 25 \overline{)1.25} \\ \underline{-125} \\ 0 \end{array}$$

$$0.125 \div 2.5 = 0.05$$

**Estimate:**  $0.125 \div 2.5 \approx 0.12 \div 3 = \frac{12}{100} \div 3 = 0.04$

$$0.05 \approx 0.04 \checkmark$$

**34.**  $3.9 \overline{)22.23} \rightarrow 39 \overline{)222.3}$

$$\begin{array}{r} 5.7 \\ 39 \overline{)222.3} \\ \underline{-195} \\ 273 \\ \underline{-273} \\ 0 \end{array}$$

$$22.23 \div 3.9 = 5.7$$

**Estimate:**  $22.23 \div 3.9 \approx 24 \div 4 = 6$

$$5.7 \approx 6 \checkmark$$