ANSWER PRESENTATION TOOL

Green - Student Edition 2 Quiz 2 1-15 ALL EVEN ODD Show Solu

1.

$$\begin{array}{r} {\scriptstyle 1\ \ 1} \\ 14.380 \\ +\ 6.329 \\ \hline 20.709 \end{array}$$

2.

$$\begin{array}{r} {\scriptstyle 1} \\ 43.56 \\ +41.82 \\ \hline 85.38 \end{array}$$

3.

$$\begin{array}{r} {\scriptstyle 7\ \cancel{10}\ 10} \\ {\scriptstyle 9} \\ 85.\cancel{8}\cancel{0}\cancel{0} \\ -\ 2.354 \\ \hline 83.446 \end{array}$$

4.

$$\begin{array}{r} {\scriptstyle 5\ \ 17} \\ 2\cancel{6}.\cancel{7}82 \\ -\ 14.960 \\ \hline 11.822 \end{array}$$

5.

$$\begin{array}{r} 7.6 \\ \times\ \ 5 \\ \hline 38.0 \end{array}$$

$7.6 \times 5 = 38$

Estimate: $7.6 \times 5 \approx 8 \times 5 = 40$

$38 \approx 40$ ✓

6.

$$\begin{array}{r} 0.62 \\ \times\ \ 17 \\ \hline 434 \\ 62 \\ \hline 10.54 \end{array}$$

$0.62 \times 17 = 10.54$

Estimate: $0.62 \times 17 \approx \frac{1}{2} \times 18 = 9$

$10.54 \approx 9$ ✓

7.

$$\begin{array}{r} 0.54 \\ \times\ \ 0.9 \\ \hline 0.486 \end{array}$$

$0.54 \times 0.9 = 0.486$

Estimate: $0.54 \times 0.9 \approx 0.5 \times 1 = 0.5$

$0.486 \approx 0.5$ ✓

8.

$$\begin{array}{r} 4.16 \\ \times\ 0.7 \\ \hline 2.912 \end{array}$$

$4.16 \times 0.7 = 2.912$

Estimate: $4.16 \times 0.7 \approx 4 \times \frac{3}{4} = 3$

$2.912 \approx 3$ ✓

9.

$$\begin{array}{r} 1.68 \\ 5\overline{)8.40} \\ \underline{-5} \\ 34 \\ \underline{-30} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

$8.4 \div 5 = 1.68$

Estimate: $8.4 \div 5 \approx 10 \div 5 = 2$

$1.68 \approx 2$ ✓

10.

$$\begin{array}{r} 1.08 \\ 6\overline{)6.48} \\ \underline{-6} \\ 048 \\ \underline{-48} \\ 0 \end{array}$$

$6.48 \div 6 = 1.08$

Estimate: $6.48 \div 6 \approx 6 \div 6 = 1$

$1.08 \approx 1$ ✓

11.

$$0.7\overline{)5.6} \rightarrow \begin{array}{r} 8 \\ 7\overline{)56} \\ \underline{-56} \\ 0 \end{array}$$

$5.6 \div 0.7 = 8$

Estimate: $5.6 \div 0.7 \approx 6 \div \frac{3}{4} = 8$

$8 = 8$ ✓

12.

$$0.03\overline{)1.80} \rightarrow \begin{array}{r} 60 \\ 3\overline{)180} \\ \underline{-180} \\ 0 \end{array}$$

$1.8 \div 0.03 = 60$

Estimate: $1.8 \div 0.03 \approx 1.5 \div \frac{3}{100} = 50$

$50 \approx 60$ ✓

13.

$$\begin{array}{r} {\scriptstyle 1\,2\,2} \\ 91.46 \\ 54.88 \\ 91.46 \\ \underline{+\ 54.88} \\ 292.68 \end{array}$$

The perimeter of the field is 292.68 meters.

14. $A = \ell w = 3.66 \times 2.14$

$$\begin{array}{r} 3.66 \\ \underline{\times\ 2.14} \\ 1464 \\ 366 \\ \underline{732} \\ 7.8324 \end{array}$$

The area of the mouth of the goal is 7.8324 square meters.

15. a.

$$\begin{array}{r} 1.275 \\ 12\overline{)15.300} \\ \underline{-12} \\ 33 \\ \underline{-24} \\ 90 \\ \underline{-84} \\ 60 \\ \underline{-60} \\ 0 \end{array}$$

1.275 million people attended shows each month in 2008.

b.

$$14.3\overline{)17.1} \rightarrow \begin{array}{r} 1.19\ldots \\ 143\overline{)171.00} \\ \underline{-143} \\ 280 \\ \underline{-143} \\ 1370 \\ \underline{-1287} \\ 83 \end{array}$$

About 1.2 times more people attended shows in 2006 than in 2009.