



Prealgebra

Chapter 1 – Practice Test Answer Key

(p.1)

579.

a. 4,87

b. 0,4,87

580. 549,362

a. 9 is in the thousands place

b. 6 is in the tens place

c. 2 is in the ones place

d. 5 is in the hundred thousands place

581.

a. 613

b. 55,208

(582.)

25,849

(p.2)

4 is less than 5, so round down

= 25,800

(583.)

45 + 23

= 68

45
+ 23

68

(584.)

65 - 42 = 23

65
- 42

23

(585.)

85 ÷ 5 = 17

17
5 $\overline{)85}$
- 5

35
- 35

0

(586.)

1,000 × 8 = 8,000

587. $90 - 58 = 32$

$$\begin{array}{r} 890 \\ - 58 \\ \hline 32 \end{array}$$

588. $73 + 89 = 162$

$$\begin{array}{r} 89 \\ + 73 \\ \hline 162 \end{array}$$

589. $(0)(12,675) = 0$

590. $634 + 255 = 889$

$$\begin{array}{r} 634 \\ + 255 \\ \hline 889 \end{array}$$

591. $\frac{0}{9} = 0$

592. $8 \overline{)128} = 16$

$$\begin{array}{r} 16 \\ 8 \overline{)128} \\ - 8 \\ \hline 48 \\ - 48 \\ \hline 0 \end{array}$$

593. $145 - 79 = \boxed{66}$

$$\begin{array}{r}
 \overset{13}{\cancel{3}} \overset{15}{\cancel{5}} \\
 0 \times \cancel{4} \cancel{5} \\
 - 79 \\
 \hline
 66
 \end{array}$$

594. $299 + 836 = \boxed{1135}$

$$\begin{array}{r}
 \overset{1}{8} \overset{1}{3} 6 \\
 + 299 \\
 \hline
 1135
 \end{array}$$

595. $7 \cdot 475 = \boxed{3325}$

$$\begin{array}{r}
 \overset{5}{4} \overset{3}{7} 5 \\
 \times 7 \\
 \hline
 3325
 \end{array}$$

596. $8,528 + 704 = \boxed{9,232}$

$$\begin{array}{r}
 \overset{1}{8}, \overset{1}{5} 28 \\
 + 704 \\
 \hline
 9232
 \end{array}$$

597. $35(14) = \boxed{490}$

$$\begin{array}{r}
 \overset{2}{3} 5 \\
 \times 14 \\
 \hline
 140 \\
 + 350 \\
 \hline
 490
 \end{array}$$

(598.) $\frac{26}{0}$ is undefined

(599.) $733 - 291 =$ 442

$$\begin{array}{r} 6 \overset{13}{\cancel{7}3} \\ - 291 \\ \hline 442 \end{array}$$

(600.) $4,916 - 1,538 =$ 3,378

$$\begin{array}{r} 8 \overset{10}{\cancel{9}1} \overset{16}{6} \\ - 1538 \\ \hline 3,378 \end{array}$$

(601.) $495 \div 45 =$ 11

$$\begin{array}{r} 11 \\ 45 \overline{) 495} \\ \underline{-45} \\ 45 \\ \underline{-45} \\ 0 \end{array}$$

(602.) 52×983
 $= \boxed{51,116}$

$$\begin{array}{r} \overset{4}{9} \overset{1}{8} 3 \\ \times 52 \\ \hline + \overset{1}{19} \overset{6}{6} \\ \hline 51,116 \end{array}$$

(603.) $16 + 58 = \boxed{74}$

$$\begin{array}{r} \overset{1}{5} 8 \\ + 16 \\ \hline 74 \end{array}$$

(604.) $(9)(15) = \boxed{135}$

$$\begin{array}{r} \overset{4}{1} 5 \\ \times 9 \\ \hline 135 \end{array}$$

(605.) $32 - 18 = \boxed{14}$

$$\begin{array}{r} 28 \cancel{2}^{12} \\ - 18 \\ \hline 14 \end{array}$$

(606.) $\frac{63}{21} = \boxed{3}$

$$\begin{array}{r} 3 \\ 21 \overline{) 63} \\ - 63 \\ \hline 0 \end{array}$$

(607.) $(2)(524) = \boxed{1,048}$

$$\begin{array}{r} 524 \\ \times 2 \\ \hline 1,048 \end{array}$$

(608.) $29 + 32 = \boxed{61}$

$$\begin{array}{r} 1 \\ 32 \\ + 29 \\ \hline 61 \end{array}$$

(609.) 50 less than 300

$$300 - 50 = \boxed{250}$$

(610.) $\frac{84}{12} = \boxed{7 \text{ candies in each bag}}$

$$\begin{array}{r} (611.) \quad \$ 3, \overset{7}{\cancel{8}} \overset{11}{\cancel{6}} \\ - \$ 3,472 \\ \hline \$ 344 \end{array}$$

$\boxed{\$344 \text{ left after he paid his expenses}}$

(612.) $(22)(24) = 528$

528 children are enrolled

$$\begin{array}{r} 24 \\ \times 22 \\ \hline 48 \\ + 480 \\ \hline 528 \end{array}$$

(613.) $12 + 6 + 9 + 3$
 $= 18 + 12$

= 30 blocks