



# PREALGEBRA

## CHAPTER 1

Practice Test Answer Key



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

$$= \boxed{25,800}$$

(583.)

$$45 + 23$$

$$= \boxed{68}$$

$$\begin{array}{r} 45 \\ + 23 \\ \hline 68 \end{array}$$

(584.)

$$65 - 42 = \boxed{23}$$

$$\begin{array}{r} 65 \\ - 42 \\ \hline 23 \end{array}$$

(585.)

$$85 \div 5 = \boxed{17}$$

$$\begin{array}{r} 17 \\ 5 \overline{) 85} \\ \underline{- 5} \phantom{0} \\ 35 \\ \underline{- 35} \\ 0 \end{array}$$

(586.)

$$1,000 \times 8 = \boxed{8,000}$$

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

$$\begin{array}{r} 16 \\ 8 \overline{)128} \\ - 8 \phantom{00} \\ \hline 48 \\ - 48 \\ \hline 0 \end{array}$$

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

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

(p.4)

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

$$\begin{array}{r} 11 \\ 836 \\ + 299 \\ \hline 1135 \end{array}$$

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

$$\begin{array}{r} 5 \quad 3 \\ 475 \\ \times 7 \\ \hline 3325 \end{array}$$

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

$$\begin{array}{r} 1 \quad 1 \\ 8,528 \\ + 704 \\ \hline 9232 \end{array}$$

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

$$\begin{array}{r} 2 \\ \times 35 \\ \times 14 \\ \hline 140 \\ + 350 \\ \hline 490 \end{array}$$

(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

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

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

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

(602.)  $52 \times 983$   
 $= \boxed{51,116}$

$$\begin{array}{r} \overset{4}{9} \overset{1}{8} 3 \\ \times 52 \\ \hline 1966 \\ + 49150 \\ \hline 51,116 \end{array}$$

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

$$\begin{array}{r} (611.) \quad \$ 3,816 \\ - \$ 3,472 \\ \hline \$ 344 \end{array}$$

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

(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