

Math Drill

Time yourself from start to finish and record your time below. The SAT Non-Calculator section is all about speed and practice makes perfect!

YOUR TIME: _____

Multiply and Divide (A)

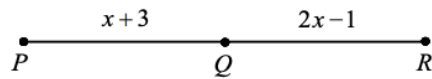
Find each product or quotient.

$\begin{array}{r} 11 \\ \times 20 \\ \hline \end{array}$	$\begin{array}{r} 34 \\ \div 2 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ \div 14 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 13 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ \times 14 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times 19 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ \div 7 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ \div 1 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ \div 14 \\ \hline \end{array}$	$\begin{array}{r} 272 \\ \div 16 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 10 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 10 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 16 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ \div 5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ \times 16 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ \div 3 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ \times 4 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ \times 19 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ \div 4 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ \times 14 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ \div 5 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ \div 5 \\ \hline \end{array}$	$\begin{array}{r} 180 \\ \div 20 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ \div 4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 33 \\ \div 11 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ \div 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 19 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ \div 6 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ \div 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ \div 3 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ \times 8 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ \times 17 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \times 19 \\ \hline \end{array}$	$\begin{array}{r} 208 \\ \div 13 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ \div 12 \\ \hline \end{array}$	$\begin{array}{r} 216 \\ \div 12 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 247 \\ \div 19 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$
$\begin{array}{r} 40 \\ \div 10 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ \div 19 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ \div 16 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ \times 15 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ \div 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 133 \\ \div 7 \\ \hline \end{array}$	$\begin{array}{r} 153 \\ \div 9 \\ \hline \end{array}$
$\begin{array}{r} 3 \\ \times 17 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \div 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 16 \\ \hline \end{array}$	$\begin{array}{r} 45 \\ \div 3 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ \times 17 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ \div 12 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ \times 20 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$
$\begin{array}{r} 228 \\ \div 12 \\ \hline \end{array}$	$\begin{array}{r} 112 \\ \div 14 \\ \hline \end{array}$	$\begin{array}{r} 306 \\ \div 17 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ \div 6 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \times 16 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ \div 3 \\ \hline \end{array}$	$\begin{array}{r} 150 \\ \div 10 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ \div 14 \\ \hline \end{array}$
$\begin{array}{r} 153 \\ \div 17 \\ \hline \end{array}$	$\begin{array}{r} 260 \\ \div 13 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ \div 4 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ \div 20 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ \div 10 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 280 \\ \div 20 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$
$\begin{array}{r} 98 \\ \div 14 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 20 \\ \hline \end{array}$	$\begin{array}{r} 133 \\ \div 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \div 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ \div 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 169 \\ \div 13 \\ \hline \end{array}$	$\begin{array}{r} 285 \\ \div 15 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ \times 15 \\ \hline \end{array}$

Unit 16 - Lines and Angles

Topic: Lines, Segments, and Rays

1



In the figure above, Q is the midpoint of PR .
If $PQ = x + 3$ and $QR = 2x - 1$, what is the length of segment PR ?

- A) 4
- B) 7
- C) 11
- D) 14

2

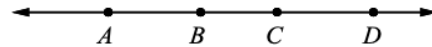


Note: Figure not drawn to scale.

On the segment PS above, $PR = 12$, $QS = 16$,
and $QR = \frac{1}{3}PS$. What is the length of PS ?

- A) 19
- B) 20
- C) 21
- D) 22

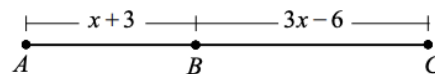
3



In the figure above, which of the following are opposite rays?

- A) Ray AB and Ray CD
- B) Ray CA and Ray CD
- C) Ray DA and Ray AD
- D) Ray CA and Ray BD

4



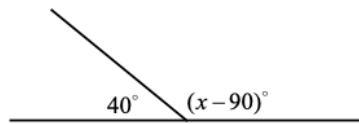
Note: Figure not drawn to scale.

In the figure above, $AB = \frac{2}{3}BC$. What is the length of AC ?

- A) 15
- B) 18
- C) 21
- D) 25

Topic: Angles

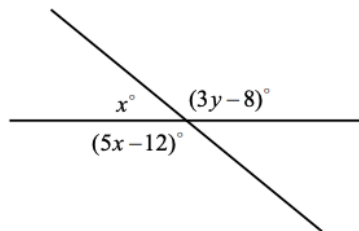
1



In the figure above, what is the value of x ?

- A) 140
- B) 160
- C) 190
- D) 230

2

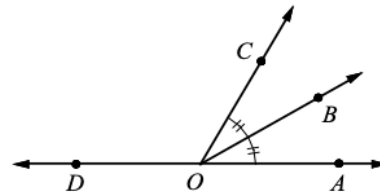


Note: Figure not drawn to scale.

In the figure above, what is the values of y ?

- A) 52
- B) 60
- C) 68
- D) 76

3

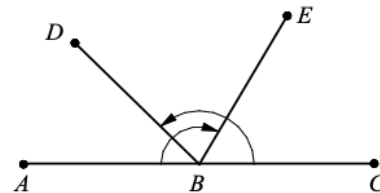


Note: Figure not drawn to scale.

In the figure above, ray OB bisects $\angle COA$.
If $m\angle DOB = 11x + 6$ and $m\angle COA = 8x - 12$,
what is the measure of $\angle DOC$?

- A) 92
- B) 96
- C) 102
- D) 108

4



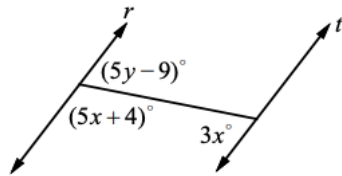
Note: Figure not drawn to scale.

In the figure above, $m\angle ABE = 120^\circ$ and
 $m\angle CBD = 135^\circ$. What is the measure of $\angle DBE$?

- A) 63
- B) 68
- C) 75
- D) 79

Topic: Parallel and Perpendicular Lines

1

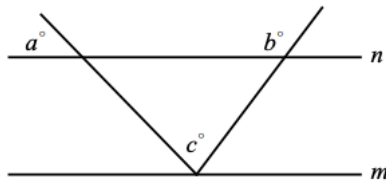


Note: Figure not drawn to scale

In the figure above, $r \parallel t$. What is the value of $x + y$?

- A) 37
- B) 40
- C) 43
- D) 46

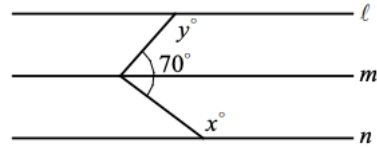
2



In the figure above, $m \parallel n$. If $a = 50$ and $b = 120$, what is the value of c ?

- A) 50
- B) 60
- C) 70
- D) 80

3

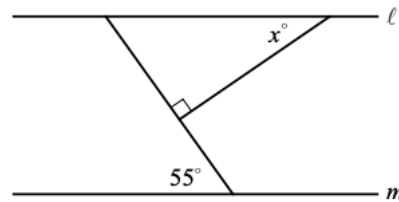


Note: Figure not drawn to scale.

In the figure above, lines ℓ , m , and n are parallel. What is the value of $x + y$?

- A) 160
- B) 200
- C) 230
- D) 290

4

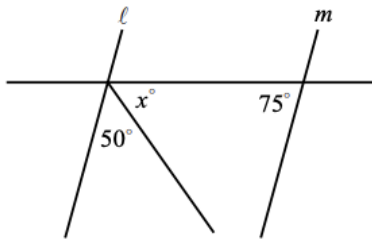


In the figure above, $\ell \parallel m$. What is the value of x ?

- A) 30
- B) 35
- C) 40
- D) 45

Unit 16 Review Questions

1

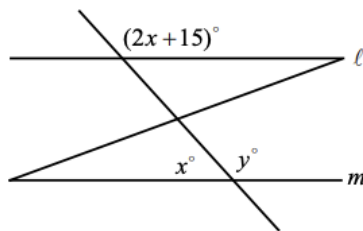


Note: Figure not drawn to scale.

In the figure above, $\ell \parallel m$. What is the value of x ?

- A) 45
- B) 50
- C) 55
- D) 60

2

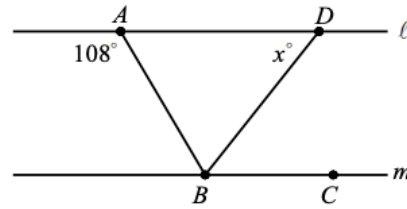


Note: Figure not drawn to scale.

In the figure above, $\ell \parallel m$. What is the value of y ?

- A) 120
- B) 125
- C) 130
- D) 135

3

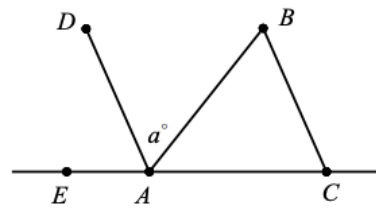


Note: Figure not drawn to scale.

In the figure above, lines ℓ and m are parallel and \overline{BD} bisects $\angle ABC$. What is the value of x ?

- A) 54
- B) 60
- C) 68
- D) 72

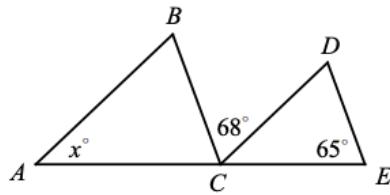
4



In the figure above, $\overline{DA} \parallel \overline{BC}$ and \overline{AB} bisects $\angle DAC$. What is the measure of $\angle BCA$ in terms of a ?

- A) $180 - a$
- B) $2a - 180$
- C) $180 - 2a$
- D) $2a - 90$

5

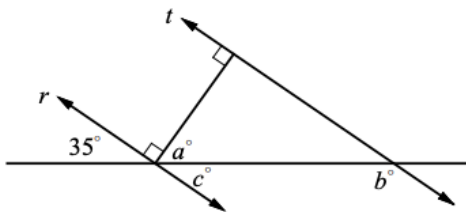


Note: Figure not drawn to scale.

In the figure above, $\overline{AB} \parallel \overline{CD}$ and $\overline{BC} \parallel \overline{DE}$.
What is the value of x ?

- A) 47
- B) 51
- C) 55
- D) 57

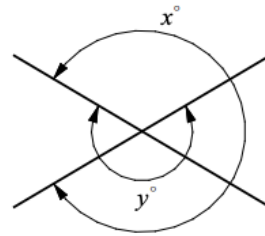
6



In the figure above, $r \parallel t$. What is the value of $a + b$?

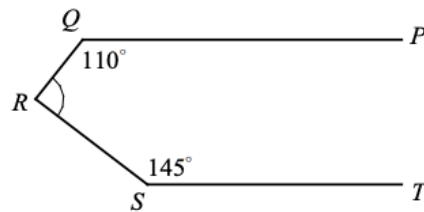
- A) 160
- B) 175
- C) 185
- D) 200

7



In the figure above, what is the value of $x + y$?

8



Note: Figure not drawn to scale.

In the figure above, \overline{PQ} is parallel to \overline{ST} .
What is the measure of $\angle QRS$?