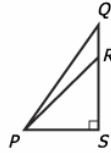


[Check Answer](#) [Show Answer](#)[Flag for Review](#)

If two sides of a triangle have lengths 2 and 5, which of the following could be the perimeter of the triangle?

- I. 9
- II. 15
- III. 19
- None
- I only
- II only
- II and III only
- I, II, and III

[Help](#)[End Exam](#)[Review Screen](#)[Next](#)



In the figure shown, the measure of angle PRS is how many degrees greater than the measure of angle PQR ?

- (1) The measure of angle QPR is 30° .
 - (2) The sum of the measures of angles PQR and PRQ is 150° .
- Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
- Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
- BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- EACH statement ALONE is sufficient.
- Statements (1) and (2) TOGETHER are NOT sufficient.

[Check Answer](#) [Show Answer](#)[Flag for Review](#)

If r and s are integers and $rs + r$ is odd, which of the following must be even?

r

s

$r + s$

$rs - r$

$r^2 + s$

[Help](#)[End Exam](#)[Review Screen](#)[Next](#)

[Check Answer](#) [Show Answer](#)[Flag for Review](#)

At the end of the first quarter, the share price of a certain mutual fund was 20 percent higher than it was at the beginning of the year. At the end of the second quarter, the share price was 50 percent higher than it was at the beginning of the year. What was the percent increase in the share price from the end of the first quarter to the end of the second quarter?

- 20%
- 25%
- 30%
- 33%
- 40%

[Help](#)[End Exam](#)[Review Screen](#)[Next](#)

[Check Answer](#) [Show Answer](#)[Flag for Review](#)

Three grades of milk are 1 percent, 2 percent, and 3 percent fat by volume. If x gallons of the 1 percent grade, y gallons of the 2 percent grade, and z gallons of the 3 percent grade are mixed to give $x + y + z$ gallons of a 1.5 percent grade, what is x in terms of y and z ?

- $y + 3z$
- $\frac{y+z}{4}$
- $2y + 3z$
- $3y + z$
- $3y + 4.5z$

[Help](#)[End Exam](#)[Review Screen](#)[Next](#)

[Check Answer](#) [Show Answer](#)[Flag for Review](#)

If x is a positive integer, what is the least common multiple of x , 6, and 9 ?

- (1) The least common multiple of x and 6 is 30.
 - (2) The least common multiple of x and 9 is 45.
-
- Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
 - Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
 - BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
 - EACH statement ALONE is sufficient.
 - Statements (1) and (2) TOGETHER are NOT sufficient.

[Help](#)[End Exam](#)[Review Screen](#)[Next](#)