



MATHS

BOOKS - PRINCETON MATHS (ENGLISH)

SAT MATH: THE BIG PICTURE

Example

1. Joy plants three rows of corn in her garden.

The row on the south edge of the garden

receives more sunlight than the row on north edge of the garden. Therefore, the corn on the north edge the south edge of the garden is 30 % shorter than that on the south. If the corn on the south edge of the garden is 50 inches tall, how tall is the corn on the north edge of the garden , in inches?

A. 30

B. 33

C. 35

D. 65

Answer: C



Watch Video Solution

2. If $16x - 2 = 30$, what is the value of $8x - 4$?

A. 12

B. 15

C. 16

D. 28

Answer: A



Watch Video Solution

3. A paper airplane is thrown from the top of a hill and travels horizontally at 9 feet per seconds. If the plane descends 1 foot for every 3 feet travelled horizontally, how many feet has the plane descended after 5 seconds of travel?

A. 3

B. 10

C. 15

D. 20

Answer: C



Watch Video Solution

4. $(5jk^2 + 5j^2 - 5j^2k) - (jk^2 + 2j^2k + 5j^2)$

Which of the following is equivalent to the expressions above?

A. $4jk^2$

B. $4jk^2 - 7j^2k$

C. $5j^2k^4 - 10j^2k$

D. $8j^2k^3 + 7j^2k - 5j^2$

Answer: B



Watch Video Solution