A house is built by 20 workers in 30 days. How many workers will be needed to complete the work in 15 days?

20

34

40

45

52

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If the product of two integers x and y is less than 82 with y being a multiple of three. What is the highest value that x may have?

13

42

27

30

34

If x+2y= 4 and x+3y= 9. Find the correct option.

Quantity A	Quantity B
x	y

Quantity A is greater

Quantity B is greater

Both Quantities are equal

The relationship cannot be determined

Compare Quantity A and Quantity B

Quantity A	Quantity B
$(2^{33})(101)$	$(2^{31})(307)$

Quantity A is greater

Quantity B is greater

Both Quantities are equal

The relationship cannot be determined

Consider the following two equations and find the value of x – 3y.

2x-4y= 4

x - y = 3