New Maths GCSE: A2 - Substitution into Formula (with some negative numbers)

Name:..... Date:.....

$p = 3$ $q = 5$ $r = -4$ $s = -2$

What is the value of the following expression?

pq

A 15 B 8

C 243 D 35

Correct Answer: A B C D

Explanation:

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$p = 3$ $q = 5$ $r = -4$ $s = -2$

What is the value of the following expression?

qp^2

A 30 B 225

C 532 D 45

Correct Answer: A B C D

Explanation:

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$p = 3$ $q = 5$ $r = -4$ $s = -2$

What is the value of the following expression?

r^2

A 8 B -8

C 16 D -16

Correct Answer: A B C D

Explanation:

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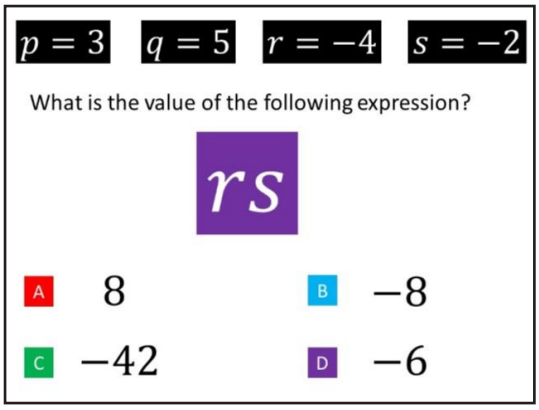

Correct Answer: A B C D

Explanation:

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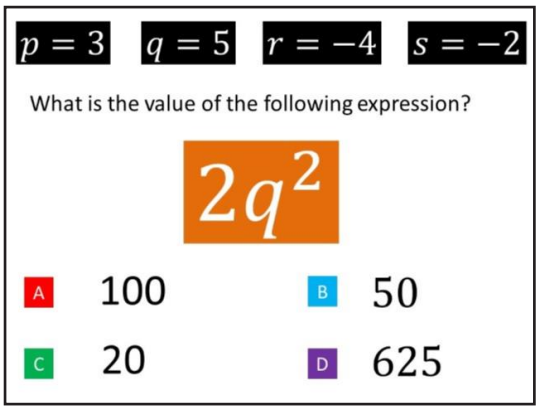

Correct Answer: A B C D

Explanation:

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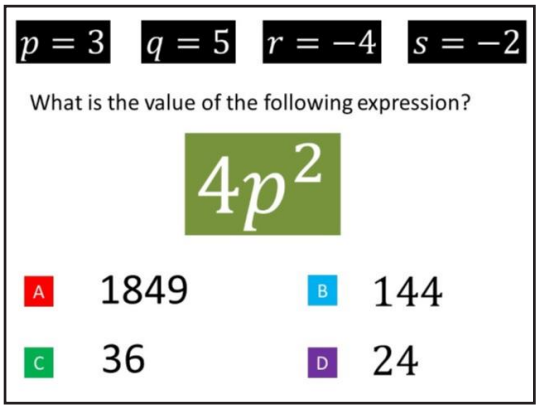

Correct Answer: A B C D

Explanation:

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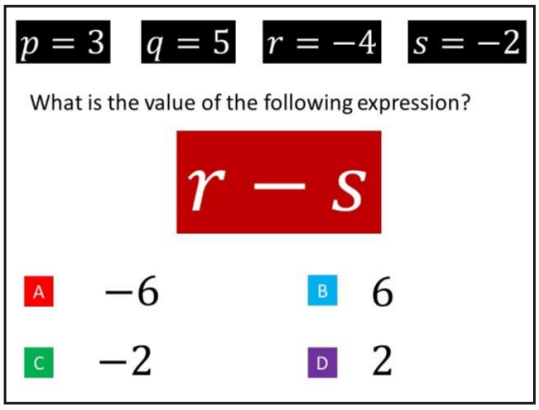

Correct Answer: A B C D

Explanation:

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$p = 3$ $q = 5$ $r = -4$ $s = -2$

What is the value of the following expression?

$$3r^2$$

A -48 B 144

C -24 D 48

Correct Answer: A B C D

Explanation:

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$p = 3$ $q = 5$ $r = -4$ $s = -2$

What is the value of the following expression?

$$\frac{s}{r}$$

A 2 B 0.5

C -2 D -0.5

Correct Answer: A B C D

Explanation:

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$p = 3$ $q = 5$ $r = -4$ $s = -2$

What is the value of the following expression?

$$\frac{p}{s}$$

A -1.5 B 5

C -3.2 D -6

Correct Answer: A B C D

Explanation:

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