



# Exit Ticket E5 - Operations with Surds

Name: .....

Date: .....

Diagnostic Questions

Which of the options is not equal to

$$3\sqrt{5} \times 2\sqrt{5}$$

<b>A</b>	$6\sqrt{25}$
<b>B</b>	$5\sqrt{5}$
<b>C</b>	$\sqrt{5} \times 6\sqrt{5}$
<b>D</b>	30

Correct Answer: A B C D

Explanation:

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Diagnostic Questions

Simplify the following:

$$\sqrt{12} + \sqrt{48}$$

<b>A</b>	$\sqrt{60}$
<b>B</b>	$6\sqrt{6}$
<b>C</b>	$6\sqrt{3}$
<b>D</b>	can't simplify

Correct Answer: A B C D

Explanation:

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AQA  
Raising potential

What is  $(\sqrt{2} - 3)^2$  in the form  $a + b\sqrt{2}$ ?

A	B	C	D
$2\sqrt{2} - 6$	$11 - 6\sqrt{2}$	-7	$13 - 6\sqrt{2}$

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Correct Answer: A B C D

Explanation:

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