# Exit Ticket F1 - Writing Algebraic Expressions

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

**Diagnostic Questions**

The diagram shows a rectangle.
Its dimensions are $3a$ by $5b$

Which expression gives the perimeter of the rectangle?

A  $16ab$

B  $6a + 10b$

C  $3a + 5b$

D  $15ab$

Correct Answer: A B C D

Explanation:

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**Diagnostic Questions**

An electrician charges a £30 call out charge plus £20 an hour.

Which formula works out the cost C for n hours work?

A  C = 20 + 30n

B  C = 50n

C  C = 30 + 20n

D  C = 50 + n

Correct Answer: A B C D

Explanation:

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Write this balancing scale as an equation

30   h   20

a)50+h          b)30=20h

c)30=20+h       d)30+h=20

Correct Answer: A B C D

Explanation:

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