

ACTION

Revision Material



<http://corbettmaths.com/concepts/>
Video 16

RESPONSE

Write an algebraic expression for each of the following:

- | | |
|---------------------------------------|--|
| 1) D multiplied by 3 and then add 5 | 6) L divided by 3 and then add 1 |
| 2) J squared and then add 6 | 7) R add 7 and then multiplied by 9 |
| 3) 6 times K and then add 8 | 8) P divided by 7 then add 4 |
| 4) M subtract 6 and then divided by 5 | 9) Q squared and then multiplied by 5 |
| 5) K multiplied by 2 and then squared | 10) Z squared and then multiplied by Y |

Fluency



Reasoning



A keyboard costs £'x'. A piano costs £850 more than the keyboard. Write an expression for the total cost of the keyboard and the piano.

A builder charges £35 per hour plus a £'y' initial callout charge. Write an expression for the total cost of:

- a) A job lasting 2 hours b) A job lasting 5 hours c) A job lasting 'x' hours

Problem Solving



Prove that the sum of three consecutive integers is always a multiple of 3



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