

ACTION

RESPONSE

Write down the multipliers for the following calculations:

Fluency



- | | |
|--------------------|---------------------|
| a) Increase by 30% | d) Decrease by 40% |
| b) Increase by 15% | e) Decrease by 12% |
| c) Increase by 2% | f) Decrease by 7.5% |

Reasoning



Triangle ABC has a base of 10cm and height of 4cm. The base is increased by 20% and the height is decreased by 30%. What is the overall percentage change to the area of the triangle?

Problem Solving



An architect bought a computer that had a value of £1900. In the first year the value of the computer depreciated by 25%. In the second year it depreciated by 20%. The value of the computer can be multiplied by a single number to find its value at the end of the 2 years. Find this single number as a decimal.



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