

**ACTION**

## Revision Material



<http://corbettmaths.com/?s=compound+interest>

**RESPONSE**

## Fluency



- |  |  |
|--|--|
| 1) £400 increased by 3% for 2 years    | 5) £400 decreased by 3% for 2 years    |
| 2) £1500 increased by 7.5% for 3 years | 6) £1500 decreased by 7.5% for 3 years |
| 3) £800 increased by 5% for 3 years    | 7) £800 decreased by 5% for 3 years    |
| 4) £1500 increased by 5.5% for 3 years | 8) £1500 decreased by 5.5% for 3 years |

## Reasoning



Which of these 5 year investments will yield the greatest interest?

- a) £4000 at 4.5% compound interest or
- b) £4000 at 6% simple interest

NB Simple interest is paid only on the initial investment

## Problem Solving



At a compound interest rate of 22%, how long would it be before you doubled your money?



**ACTION**

## Revision Material



<http://corbettmaths.com/?s=compound+interest>

**RESPONSE**

## Fluency



- |  |   |
|--|---|
| 5) £400 increased by 3% for 2 years    | 9) £400 decreased by 3% for 2 years     |
| 6) £1500 increased by 7.5% for 3 years | 10) £1500 decreased by 7.5% for 3 years |
| 7) £800 increased by 5% for 3 years    | 11) £800 decreased by 5% for 3 years    |
| 8) £1500 increased by 5.5% for 3 years | 12) £1500 decreased by 5.5% for 3 years |

## Reasoning



Which of these 5 year investments will yield the greatest interest?

- c) £4000 at 4.5% compound interest or
- d) £4000 at 6% simple interest

NB Simple interest is paid only on the initial investment

## Problem Solving



At a compound interest rate of 22%, how long would it be before you doubled your money?

