

The product rule for counting

Exit ticket ANSWERS Name _____

- 1 A mug comes in 4 colours and 7 designs.
How many different mugs are there?

28

- 2 A code is 3 letters from A to F. Letters can repeat.
How many codes are there?

216

- 3 Five runners finish a race. In how many ways can first,
second and third place be filled?

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