**fractions**

**D**

**Pythagroas**

**GRADE BUSTER**

*Your ‘5 a day’ mathematical workout*

1. Find:

a) $\frac{2}{5}$ of £45 b)$ \frac{3}{8}$ of £60 c) $\frac{4}{7}$ of 28kg

2. Calculate:

a) $\frac{1}{3}$ + $\frac{1}{6}$ b) $\frac{2}{3}$ + $\frac{1}{4}$ c) $\frac{2}{5}$ - $\frac{1}{3}$

3. Two fractions are added together and give the answer $\frac{4}{5}$ . Find three possible pairs of fractions.

4. i) Explain what is wrong with the following solution:

a) 6 $× $ $\frac{2}{3 }$ = $\frac{12}{18}$

b) 5 $÷ $ $\frac{1}{2 }$ = 2.5

Calculate:

a) 6 $× $ $\frac{2}{3 }$ b) 5 $÷ $ $\frac{1}{2 }$

ii) Find the correct solution

Buy two

Get one free

5) Baked beans cost 65p per tin.

30% off

Which is the better value?

Explain your answer.

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| Qu |  | ☺ | ☹ |
| 1 | I can find fractions of a quantity |  |  |
| 2a, 2b & 3 | I can add fractions |  |  |
| 2c | I can subtract fractions |  |  |
| 4a | I can multiply an integer by a fraction |  |  |
| 4b | I can divide an integer by a fraction |  |  |
| 5 | I can solve problems involving fractions |  |  |

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| Top tips I must remember for the exam: |
| ☺☺☺ |
| Types of questions I need to practise more: |
| ☺☺☺ |