**1.** Work out the following

(a)  ´ 

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Answer ....................................................

(1)

(b)  - 

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Answer ....................................................

(2)

(c) John’s dog eats  of a tin of dog food each day.

What is the least number of tins needed for 7 days?

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Answer ....................................................

(3)

(Total 6 marks)

**2.** Work out the following

(a)  of 45

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Answer ....................................................

(2)

(b)  ´ 

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Answer ....................................................

(1)

(c)  - 

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Answer ....................................................

(2)

(d) John’s dog eats  of a tin of dog food each day.

What is the least number of tins needed for 7 days?

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Answer ....................................................

(3)

(Total 8 marks)

**3.** Heather is revising fractions for her homework.  
This is how she answers one of the questions.



Heather is wrong.

Show the correct way to work out  + 

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(Total 3 marks)

**4.** (a) Write down the reciprocal of 0.2

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Answer ..........................................................................

(2)

(b) Fill in the boxes to make these statements correct.

(i)  ×  = 1

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(1)

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|  |  |  |
| --- | --- | --- |
| (ii)  × |  | = 1 |

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(1)

(Total 4 marks)

**5.** Work out

(a) 

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Answer .........................................................................

(1)

(b) 0.4 × 0.2

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Answer .........................................................................

(1)

(c) 23 × 52

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Answer .........................................................................

(2)

(d) 

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Answer .........................................................................

(3)

(Total 7 marks)

**6.** (a) Write as a percentage.

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Answer .............................................................%

(2)

(b) Work out 

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Answer ...............................................................

(2)

(c) Work out 

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Answer ...............................................................

(2)

(d) Estimate the value of 

You **must** show all your working.

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Answer ...............................................................

(2)

(e) Work out 

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Answer ...............................................................

(3)

(Total 11 marks)

**7.** Work out 

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Answer ......................................................................

(Total 3 marks)

**8.** (a) Work out 

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Answer ..................................................................

(3)

(b) Write down the value of 

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Answer ..................................................................

(1)

(Total 4 marks)

**9.** Work out

(a) 

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Answer .........................................................................

(1)

(b) 

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Answer .........................................................................

(2)

(Total 3 marks)

**10.** Work out the value of 

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Answer ..........................................................................

(Total 2 marks)