1 Work out $20 \div (3 + 2)$

$20 \div (3+2)$

$= 20 \div 5$

$= 4$ (1)

To solve the equation, we follow BIDMAS rule for step by step solution.

① solve bracket

② solve division

4

(Total for Question 1 is 1 mark)

.....

(1)

solve bracket first

2 (b) Work out $\dfrac{(3.2 + 3.7) \times 4.9}{5.3 - 2.8}$

Give your answer as a decimal.

$\dfrac{(3.2 + 3.7) \times 4.9}{5.3 - 2.8} = \dfrac{6.9 \times 4.9}{2.5}$

$= \dfrac{33.81}{2.5}$ (1)

$= 13.524$ (1)

13.524

.....

(2)

(Total for Question 2 is 2 marks)

3 (c) Write **one** pair of brackets in this calculation so that the answer is correct.

if $(30 \div 3) + 2 - 4 = 8$ ×

$30 \div 3 + (2 - 4) = 8$ ×

$30 \div (3 + 2) - 4 = 2$ ✓

$30 \div (3 + 2) - 4 = 2$

1

(1)

(Total for Question 3 is 1 mark)