Four operations with decimals

6 questions | 14 marks

Equivalent correct methods earn the corresponding marks.

1. $3.45 + 0.8$ [2 marks]

Write 0.8 as 0.80; $3.45 + 0.80 = 4.25$.

Answer: 4.25

2. $12 - 4.65$ [2 marks]

Write 12 as 12.00 and subtract 4.65.

Answer: 7.35

3. 2.4×0.35 [2 marks]

$24 \times 35 = 840$. Account for three decimal places to get 0.840.

Answer: 0.84

4. $6.3 \div 0.9$ [2 marks]

Scale both by 10 to obtain $63 \div 9$.

Answer: 7

5. $1.75 \times 4 + 2.6$ [3 marks]

Multiply first: $1.75 \times 4 = 7$. Then add 2.6.

Answer: 9.6

6. Five notebooks cost 2.35 dollars each. Find the change from 20 dollars. [3 marks]

The cost is $5 \times 2.35 = 11.75$ dollars.

20.00 minus 11.75 is 8.25 dollars.

Answer: 8.25 dollars