

Name: \_\_\_\_\_ Date: \_\_\_\_\_

KQ: How can I multiply decimals?

Solve each question in your book.

- 1)  $2.96 \times 5 =$
- 2)  $84.4 \times 7 =$
- 3)  $27.5 \times 19 =$
- 4)  $288.66 \times 8 =$
- 5)  $857.12 \times 25 =$
- 6)  $0.306 \times 34 =$

7) Joe buys 4 books for £4.72 each. He pays with a £20 note. How much change does he receive?	8) Miss Dodd buys three pairs of jeans that cost £24.87. She hands the cashier four £20 notes. How much change does she get?
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9) Fill in the missing digits.

$\begin{array}{r} 6.\_2 \\ \times \quad 6 \\ \hline \_9.12 \end{array}$	$\begin{array}{r} \_6.3 \\ \times \quad 7 \\ \hline 394.\_ \end{array}$	$\begin{array}{r} 94.28 \\ \times \quad \_ \\ \hline \_48.52 \end{array}$
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10) Who is correct? Justify your answer.

Amrit and his friends are trying to decide the cheapest way to buy 28 cans of soft drink for his birthday party.


4 pack	6 pack
£2.19	£2.95

I think we should buy five of the 6 packs.



Devinder

I think we should buy four of the 6 packs and one of the 4 packs.



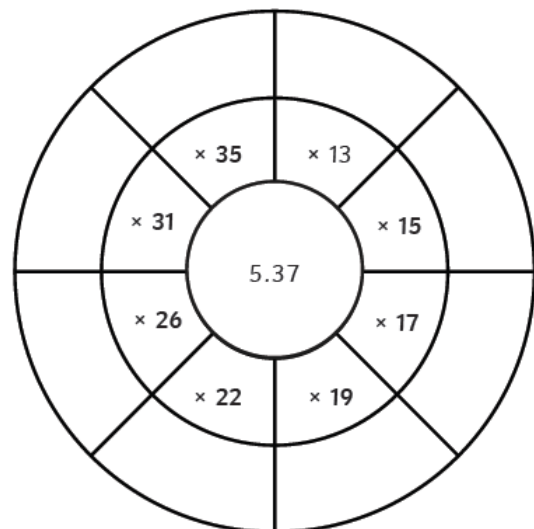
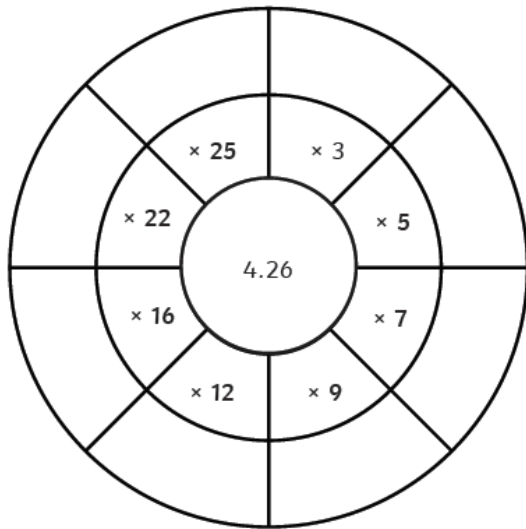
Morgan

I think we should buy seven of the 4 packs.



Ben

11)



Extension

Work out:

- $8.4 \times 3 + 8.4 \times 7$
- $6.7 \times 5 - 0.67 \times 50$
- $93 \times 0.2 + 0.8 \times 93$
- $7.2 \times 4 + 3.6 \times 8$

Extension

Work out:

- $8.4 \times 3 + 8.4 \times 7$
- $6.7 \times 5 - 0.67 \times 50$
- $93 \times 0.2 + 0.8 \times 93$
- $7.2 \times 4 + 3.6 \times 8$