

INDEPENDENT PRACTICE MATERIAL

Worksheet 2: Weekend market

US 32406 | 6 items | Untimed | Use a ruler, blank paper and standard calculator as needed.

QUESTION 2 | Weekend market

- 2(a) Mandarins cost \$4.75 per kilogram. A bag has a mass of 2.8 kilograms.

How much does the bag cost?

 \$

- 2(b) A drink is mixed using 3 cups of concentrate for every 5 cups of water.

How many cups of concentrate are needed for 7.5 cups of water?

 cups

- 2(c) A small jar of tomato relish is 280 g and costs \$4.90. A large jar is 420 g and costs \$6.93. A sign says, 'The large jar is better value.'

Is the sign correct? Use the weights and prices to explain your answer.

Write your explanation below.

- 2(d) A rectangular market stall is 3.2 m long and 2.5 m wide. A ground sheet needs to cover the stall area plus 15% extra.

What area of ground sheet is needed, in square metres?

 m²

- 2(e) A prize jar contains 9 blue tokens, 6 green tokens and 5 orange tokens. One token is chosen without looking.

What is the chance of choosing a green token? Give your answer as a percentage.

 %

- 2(f) A vendor says, 'Logo B is Logo A after a 180° rotation.'



Is the vendor correct? Explain using the direction of the arrow and the position of the dot.

Write your explanation below.
