

Cross-Curricular Cut Maths



Home Redecorating

Vocabulary

1 Look at the picture of Maria's living room and label the following items.

- lamp • curtain • pillow • sofa

2 In each group of words, circle the odd one out.

- 1 fabric: couch, curtain, lamp, curtains
- 2 measurements: feet, high, yards, inches
- 3 redecorating: designer, metre, apartment, bedroom
- 4 material: silk, expensive, cotton, polyester

Listening

3 Listen and fill in the theory box.

- 1 foot = inches
- 1 yard = feet
- yard = 36 inches



Reading

4 Study the completed theory box. Read the rules below and underline the correct word(s) in bold. Then listen and check your answers.

- 1 In order to make inches into yards, we **multiply/divide** the inches by 36.
- 2 In order to make yards into feet, we **multiply/divide** the yards with 3.
- 3 2 yards equals 6 feet because 2 **times/divided by** 3 equals 6.
- 4 72 inches equals 2 yards because 72 **times/divided by** 36 equals 2.

Speaking

5 Use the theory box and the rules to match the inches/feet to the yards. Then say how you got each answer, as in the example.



1

2

3

4

Fabric Mania
High quality Egyptian cotton
sale **\$8** a yard

- 1 72 inches
- 2 18 feet
- 3 18 inches
- 4 108 inches
- 5 12 feet

- a 3 yards
- b 6 yards
- c 4 yards
- d 2 yards
- e 1/2 yard

1-d 72 inches are 2 yards. You **divide** the inches by 36 to turn them into yards. 72 **divided by** 36 ($72 \div 36$) equals 2.

Problem

6 Maria is redecorating her living room. She wants to make 4 new pillow covers for her couch pillows. In order to save money, she wants to buy the fabric and sew them herself. She needs 90 inches of material for each pillow. The fabric is sold by the yard.

- a) How many yards of fabric does she need to buy?
- b) Look at the fabric ad. How much does the fabric for all 4 pillows cost?

Writing

7 Draw a floral print curtain and write a sales ad for it. Use the sales ad in Ex. 6 as a model.