



Unit 16

Strengthen activities

MISCONCEPTION: Children may confuse the operation needed to convert from one unit to another. They may think a larger unit must become smaller when converting to a smaller unit (and so divide instead of multiplying), and vice versa.

Answers

Assessment checkpoint:

Children complete the conversions correctly (see Practice Book answers).

MISCONCEPTION: Children may think that they can compare or calculate with any amounts without it being necessary to convert.

Answers

Assessment checkpoint:

C, B, A, D

MISCONCEPTION: Children may think they can express all remainders as decimals, as with metric measures (for example, 2 kg 500 g = 2.5 kg). However, 2 weeks 5 days is not 2.5 weeks and 3.25 hours is not 3 hours 25 minutes.

Answers

Assessment checkpoint:

Ambika is not correct. 0.25 of an hour is a quarter of an hour, which is $60 \text{ minutes} \div 4 = 15 \text{ minutes}$.

So, 4.25 hours is 4 hours 15 minutes.

Deepen activities

Answers

Activity 1

Factsheets will vary. Ensure children have given correct conversions on their factsheets.

Activity 2

1 foot = 30 cm, so 1 furlong is approximately 19,800 cm.

Activity 3

Answers will vary.