Unit 7

Strengthen activities

MISCONCEPTION: **Children may draw tallies incorrectly (for example, forgetting to draw the 'bar') or read them incorrectly (for example, reading a group of 5 as 4).**

Answers

Practice Book p36

Tally marks should be drawn correctly.

Football: ꒐꒐꒐ ꒐꒐꒐ ꒐꒐꒐

Rugby: ꒐꒐꒐ ||||

Tennis: ꒐꒐꒐ ꒐꒐꒐ |||

Cricket: ꒐꒐꒐ ꒐꒐꒐ ||

Children count in fives to find each total:

Football: 15, Rugby: 9, Tennis: 13, Cricket: 12

MISCONCEPTION: **Children may not realise that a symbol in a pictogram can stand for more than one object.**

Answers

Practice Book p64

The pictograms show different values for each symbol. In the first, one symbol equals 10 days. In the second, one symbol equals 2 days. In the third, one symbol equals 5 days. Children should use this information to match the tally charts and pictograms correctly:

First tally chart = Second pictogram

Second tally chart = First pictogram

Third tally chart = Third pictogram

MISCONCEPTION: **Children may assume that a block in a block diagram can represent more than one thing (like a pictogram).**

Answers

Practice Book p50

Children read the block diagram correctly:

Swings = 18, Slide = 16, Climbing frame = 20, Horse = 3, Roundabout = 16

Deepen activities

Answers

Activity 1

a) Children can derive these facts about the word from the tally chart:
   - It has 10 letters altogether (there are 10 tally marks).
   - It is made of five different letters (there are 5 rows in the chart).
   - The most common letter occurs four times.
   - The second most common letter occurs three times.
   - There are three letters that only occur once.
   - The word is razzmatazz.
   - The three words that have the same tallies are: dillydally, chiffchaff and zigzagging.

b) Answers will vary.

Activity 2

The bakery sold 40 rhubarb pies.

It sold 100 pies altogether, so each of the ten pies in the pictogram is worth 10 ($100 \div 10 = 10$).

Activity 3

a) The tally chart should initially be completed as follows:

Subject	Tally
Maths	꒐꒐꒐ ꒐꒐꒐
English	/
Art	
Music	

b) The four possible numbers for Art and Music are:
   Art = 12, Music = 7
   Art = 14, Music = 5
   Art = 16, Music = 3
   Art = 18, Music = 1