

LESSON

1

1. Write each date in metric notation.

a) November 23rd, 2008

b) February 8th, 1941

c) March 11th, 2007

2. Write each date using words and numbers.

a) 1999 12 07

b) 2002 04 17

c) 1866 12 25

3. Rana wrote her birthday as 09 03 93.

a) When might her birthday be?

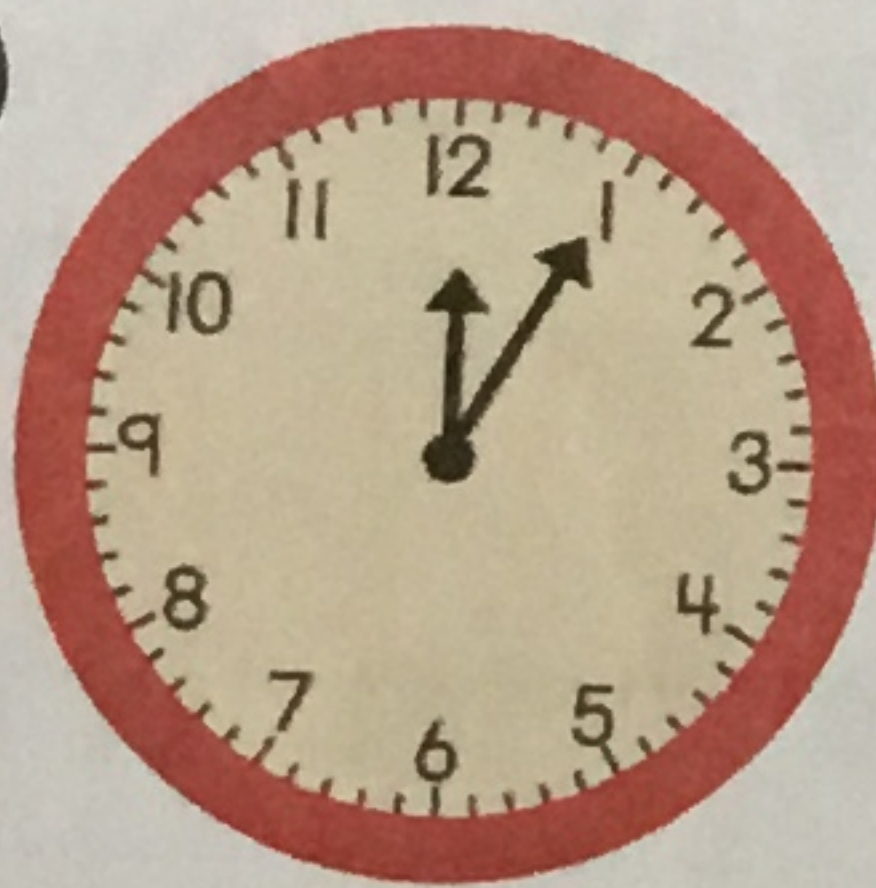
b) Rana said that her birthday was the first day of school.

Write Rana's birthday in metric notation.

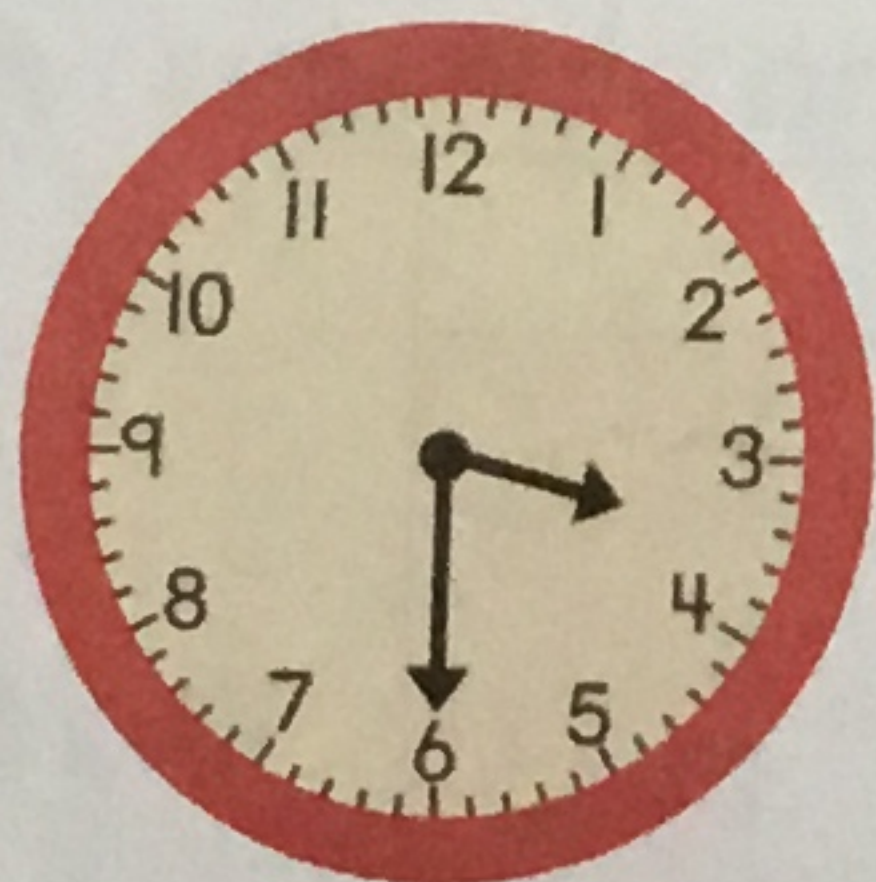
2  
3  
5

4. Write each time in two ways.

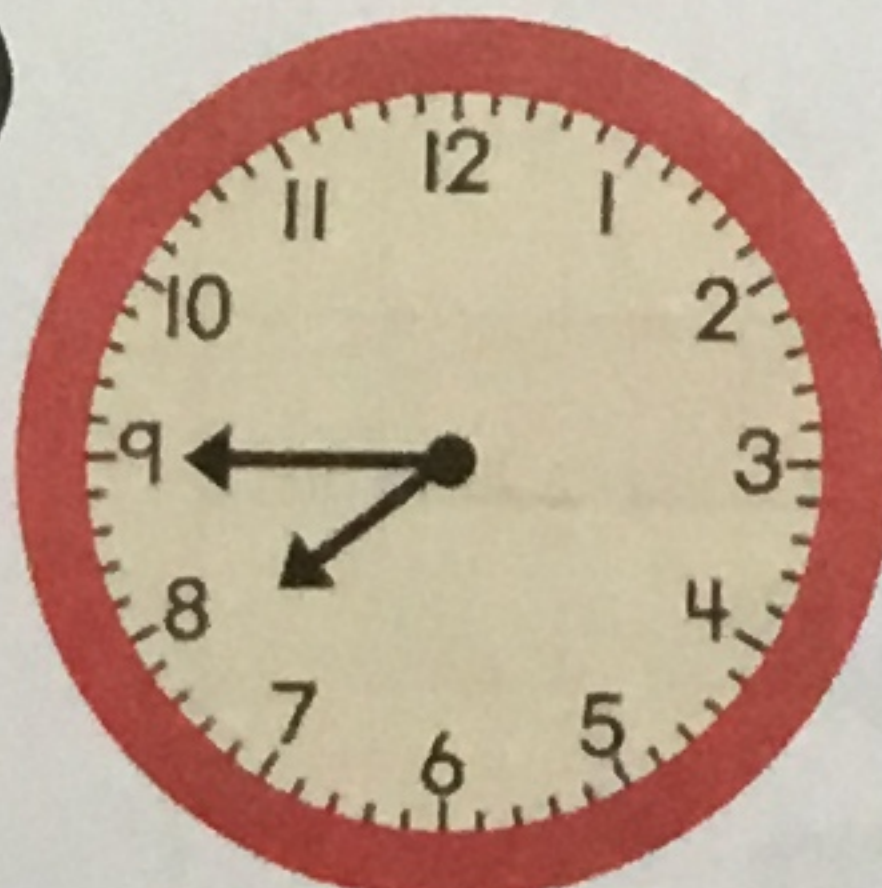
a)



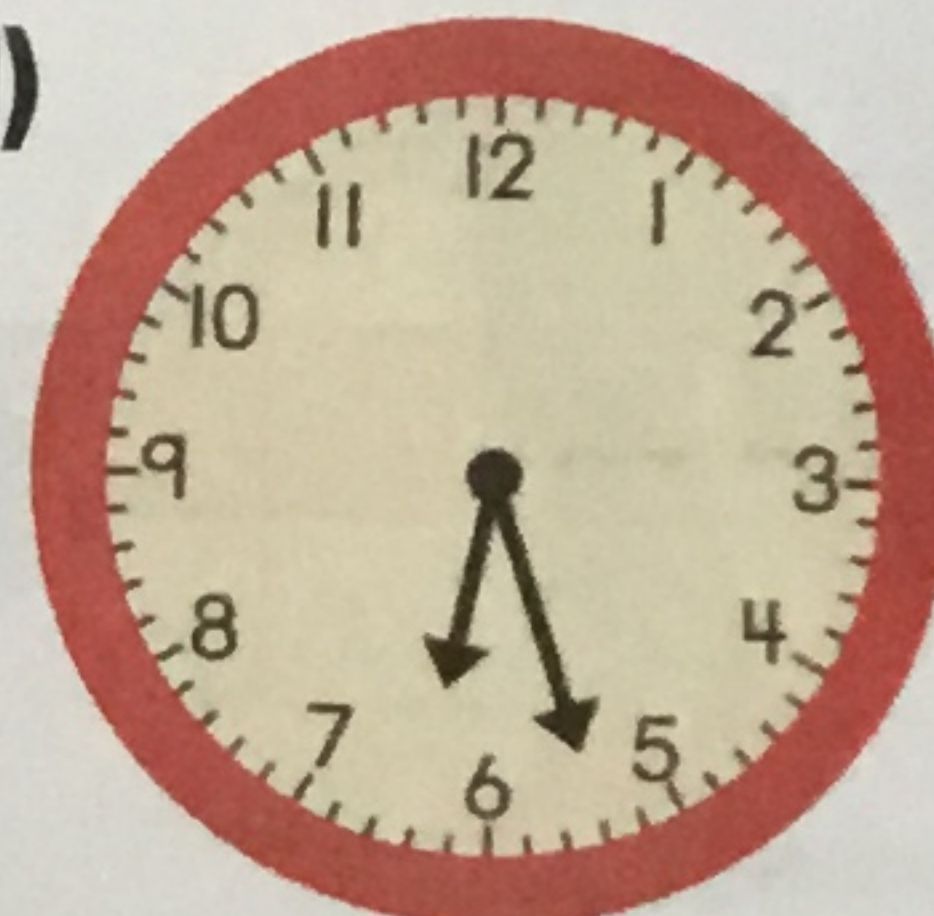
b)



c)



d)



5. Draw a digital clock to show each time.

a) quarter past 3

b) half past 10

c) two fifty-three

d) quarter to 4

4

6. Dennis played basketball for 40 minutes.

He started to play at 3:15.

Draw a digital clock to show what time he stopped.

7. The movie started at 4:20 p.m.

a) Sami was 10 minutes late. What time did he arrive?

b) Sofia was 7 minutes early. What time did she arrive?

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8. Write each time using the 24-hour clock.

a) 9:43 A.M.

b) 8:24 P.M.

c) 4:25 A.M.

9. Write each time using the 12-hour clock.

a) 05:15

b) 14:20

c) 23:42

LESSON

7

8

9

10

11

13

10. Use red and blue Pattern Blocks.  
a) Make a design with area 20 green Pattern Blocks.  
b) Make a design with area between 4 and 6 yellow Pattern Blocks.  
Colour triangular dot paper to show your designs.

11. The area of a rectangle is 18 square units.  
The rectangle has 3 rows of squares.  
How many squares are in each row?  
How do you know?

12. Use 1-cm grid paper.  
Draw a rectangle with each area.  
a)  $21 \text{ cm}^2$       b)  $25 \text{ cm}^2$       c)  $30 \text{ cm}^2$

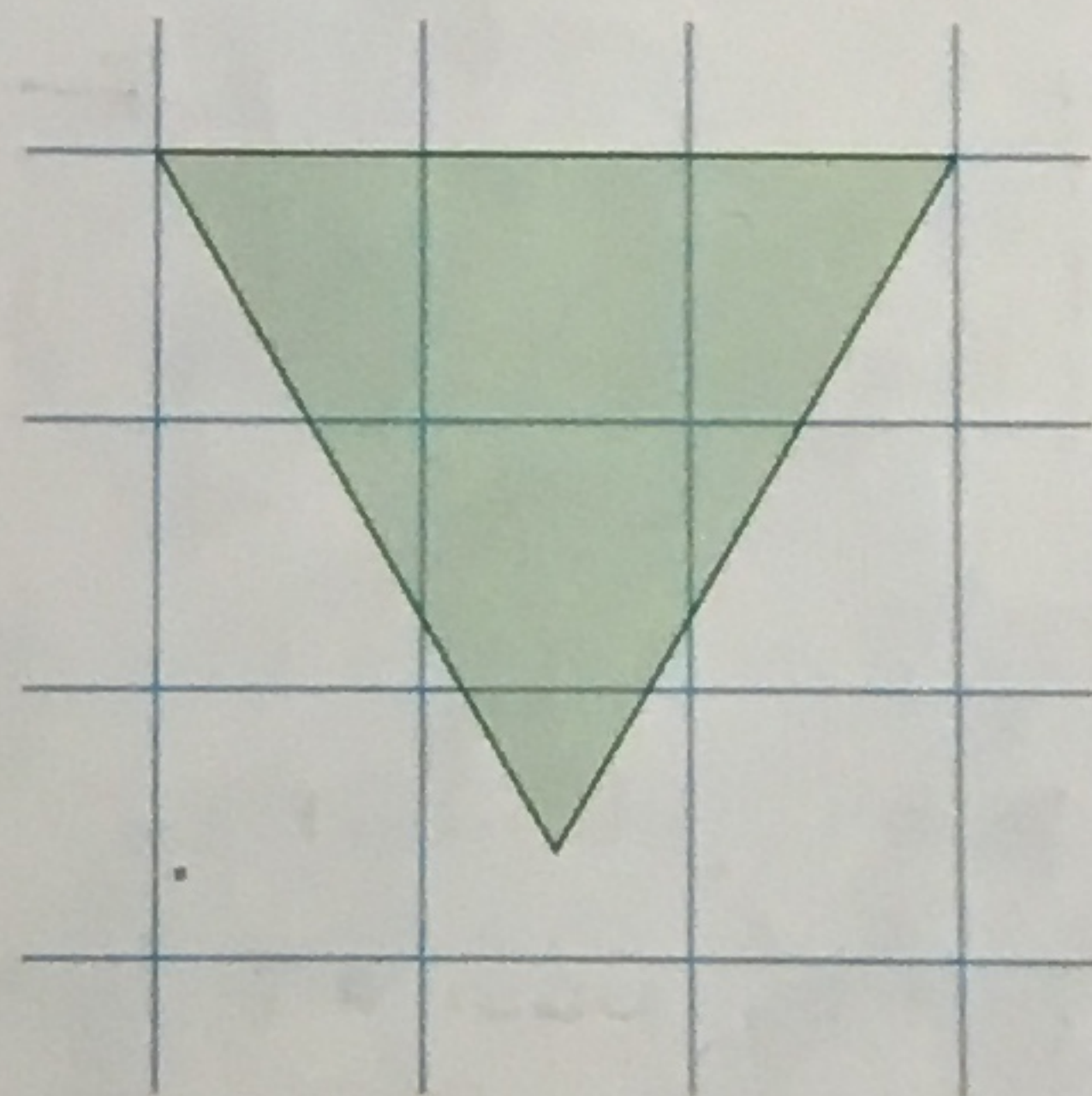
13. Find the approximate area of this polygon.  
Explain your strategy.

14. The area of a rectangular garden is  $27 \text{ m}^2$ .  
The garden is 9 m long.  
a) How wide is the garden?  
b) Draw a model of the garden  
on 1-cm grid paper.

15. Which benchmark would you use to  
estimate the area of each item?  
Explain your choice.

- a) a page of your favourite book  
b) an ice rink  
c) the school parking lot  
d) your hand print

16. Use 1-cm grid paper.  
Draw all the possible rectangles with  
each area.  
a)  $2 \text{ cm}^2$       b)  $14 \text{ cm}^2$       c)  $8 \text{ cm}^2$



UNIT

4

## Learning Goals

- read and record time using analog and digital clocks
- read and record calendar dates
- estimate and measure area
- construct rectangles for a given area