Extra Practice 1

Lesson 2.1: Representing Integers

1. Write the integer modelled by each set of tiles.

a) [R] [R] [R] [R]

b) [Y] [Y] [Y] [Y] [Y] [Y]

c) [Y] [Y] [Y] [Y]
[R] [R] [R]

d) [Y] [Y] [Y]
[R] [R] [R] [R] [R] [R] [R] [R]

e) [Y] [Y] [Y] [Y]
[R] [R] [R] [R]

f) [Y] [Y] [Y] [Y] [Y]
[R] [R]

2. Use coloured tiles. Draw two different models for each integer.

a) –7

b) +8

c) –2

d) +6

3. Which integer is modelled by each set of tiles?

a) 5 yellow tiles and 13 red tiles

b) 28 yellow tiles and 24 red tiles

c) 15 yellow tiles and 8 red tiles

d) 37 yellow tiles and 41 red tiles

4. a) You have 3 yellow tiles and want to model –4.
How many red tiles do you need?

b) You have 6 red tiles and want to model +7.
How many yellow tiles do you need?

c) You have 5 yellow tiles and want to model +2.
How many red tiles do you need?

d) You have 8 red tiles and want to model –5.
How many yellow tiles do you need?