

DECIMALS 1

MARK

9

1. Complete the following sentences.

Example: 5.73 has 5 units, 7 tenths and 3 hundredths

- (a) 65.7 has 6 _____, 5 _____ and 7 _____.
- (b) 2.359 has 2 _____, 3 _____, 5 _____ and 9 _____.

2. Find the following numbers.

(a) This number has six tens, two units and nine tenths.

(b) This number has four hundredths, five units and three tenths.

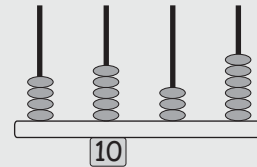
(c) This number has six thousandths, four tenths, seven units and one hundredth.

(d) This number has four units, three hundredths and no tenths.

(e) The sum of the three digits in this number is 11. There are four tens and five tenths.

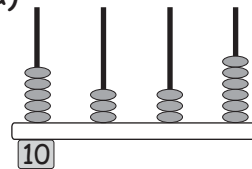
3. What number is shown on each spike abacus below. The place value of one of the spikes is given for each abacus.

Example

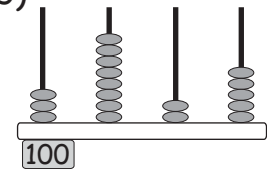


The number shown on this spike abacus is **453.6**

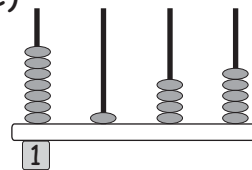
(a)



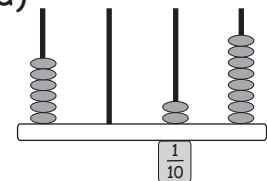
(b)



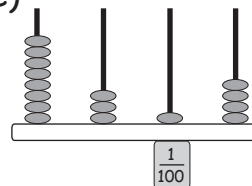
(c)



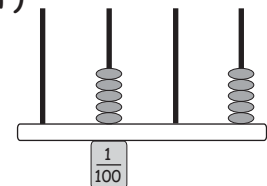
(d)



(e)



(f)



4. Write the following as decimal numbers.

Example: $6 + \frac{2}{10} = 6.2$

(a) $8 + \frac{3}{10}$

(b) $2 + \frac{7}{10} + \frac{1}{100}$

(c) $6 + \frac{9}{100}$

(d) $\frac{5}{100} + 4 + \frac{8}{10} + \frac{1}{1000}$

5. Circle the largest number in the following groups.

- (a) 0.3 0.8 (b) 3.7 3.59
 (c) 3.4 3.1 2.9 (d) 7.28 7.279
 (e) 0.8 $\frac{9}{10}$ 0.75 (f) $\frac{6}{100}$ 0.059

6. Write the correct symbol (< or >) between the following numbers.

Examples: $2.87 > 2.79$ $2.4 < 2\frac{6}{10}$

- (a) 0.39 0.34 (b) 2.651 2.657
 (c) 8.6 $8\frac{9}{10}$ (d) 3.5 $3\frac{9}{100}$

7. Arrange the following numbers from the smallest to the largest.

- (a) 2.8 2.4 3.1 3.8 2.7 3.0

- (b) 4.09 3.60 3.48 4.71 4.28

- (c) 2.314 2.413 2.143 2.134

8. Add one tenth to each of the following numbers.

- (a) 6.2 (b) 3.15 (c) 10.06

- (d) 12 (e) 6.9 (f) 13.99

9. Add one hundredth to each of the following numbers.

- (a) 0.82 (b) 6.134 (c) 8.4

- (d) 27 (e) 5.79 (f) 2.893

10. Judy has four cats. The weight of each cat is stated below.

List the cats from the lightest to the heaviest.



- Mog - 2.325 kg Mif - 2.329 kg
 Min - 2.319 kg Mit - 2.320 kg

11. Complete the following patterns.

- (a) 0.5, 0.6, 0.7, 0.8, _____, _____, _____.

- (b) 1.5, 2.0, 2.5, 3.0, _____, _____, _____.

- (c) 0.1, 0.2, 0.4, 0.8, _____, _____, _____.

12. Find the number midway between the following pairs of numbers.

- (a) 1.6 1.8 (b) 2.3 2.9