

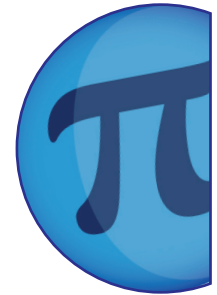


Decimal Places: Photofinish

NAME:

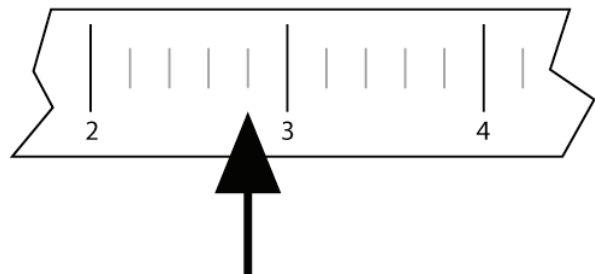
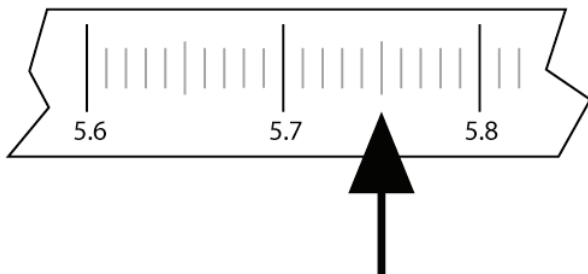
CLASS:

DATE:



Basic

1) What decimal numbers are the arrows pointing to?



2) Match the numbers on the left to its partner on the right.

$7\frac{2}{10}$	$17\frac{2}{10}$
2.7	7.8
seven and eight-tenths	four and three-tenths
forty-three-tenths	0.7
17.2	$2\frac{7}{10}$
seven-tenths	7.2

3) What number is:

a) $\frac{1}{10}$ up from 1.2?

b) $\frac{3}{10}$ down from 2.6?

c) $\frac{7}{10}$ up from 3.1?

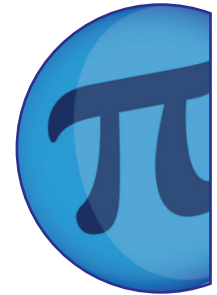


Decimal Places: Photofinish

NAME:

CLASS:

DATE:



Core

1) Arrange the following groups of numbers in order, smallest first:

a) 0.98, 0.099, 1.001, 0.9, 1.090, 0.899, 0.009

b) 0.066, 0.068, 0.007, 0.080, 0.067, 0.006, 0.106

2) Calculate:

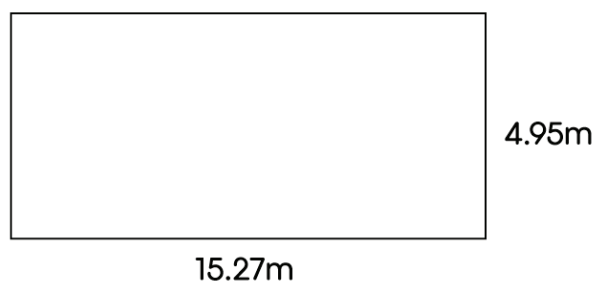
a) $£4.62 + £3.07$

b) $£34.54 + £ 26.27$

c) $£8.48 - £5.27$

d) $£ 7.74 - £ 4.13$

3) Calculate the perimeter of this rectangular lawn:



4) Assume the record for running the 100m sprint is 9.68 seconds.

a) Given a constant pace, how long did it take to run one metre?

b) The record for the 110m race is 11.2 seconds. How long did it take to run one metre in this race?

c) Which race had a faster pace?

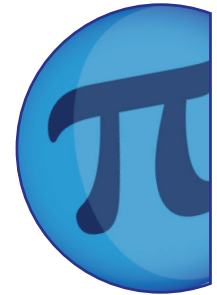


Decimal Places: Photofinish

NAME:

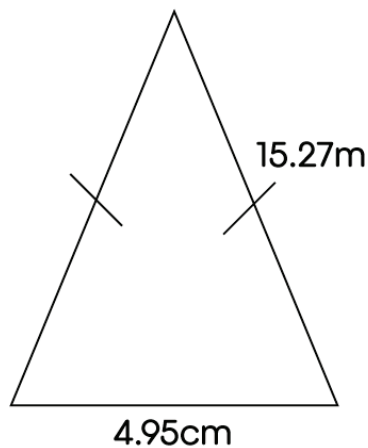
CLASS:

DATE:



Advanced

1) Calculate the perimeter of the following triangle:



2) How long does it take a cyclist to cycle 39km if he keeps up an average speed of 18km per hour?

3) Change the following decimal times into hours and minutes:

- a) 8.25 hours b) 3.5 hours c) 1.75 hours d) 0.25 hours

4) Round the following numbers to two decimal places:

- a) 4.482 b) 8.527 c) 5.7647 d) 6.02588

5) Round the following numbers to three significant figures:

- a) 6.215 b) 16.916 c) 0.004684 d) 0.68349



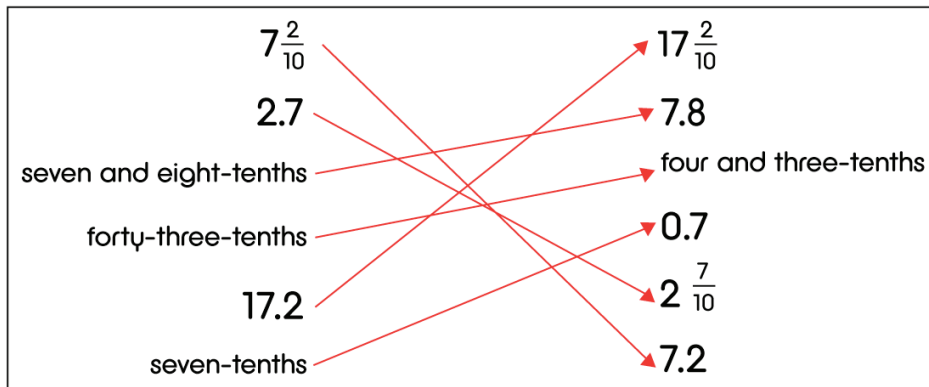
Decimal Places: Photofinish

ANSWERS

Basic

1) 5.75; 2.8

2)



3) a) 1.3

b) 2.3

c) 3.8

Core

1) a) 0.009, 0.099, 0.899, 0.9, 0.98, 1.001, 1.090

b) 0.006, 0.007, 0.066, 0.067, 0.068, 0.080, 0.106

2) a) £7.69

b) £60.81

c) £3.21

d) £3.61

3) 40.44m

4) a) 0.0968 seconds

b) 0.102 seconds

c) 100m

Advanced

1) 25.17m

2) 2.167 hours

3) a) 8h 15m

b) 3h 30m

c) 1h 45m

d) 15m

4) a) 4.48

b) 8.53

c) 5.76

d) 6.03

5) a) 6.22

b) 16.9

c) 0.00468

d) 0.683