

Maths

# Round to two decimal places

Miss Parnham



# Rounding to two decimal places

1. Round the following numbers to 2 decimal places.

a) 13.425

b) 1.7895

c) 0.404

d) 0.00056

e) 4.056

f) 0.9999

g) 0.09999

2. Use a calculator to complete the questions.

Give your answers to 2 decimal places.

a)  $36.45 \times 67.3$

b)  $1052 \div 67$

c)  $1678.4583 \div 0.5$

d)  $9.067 \times 5.614$

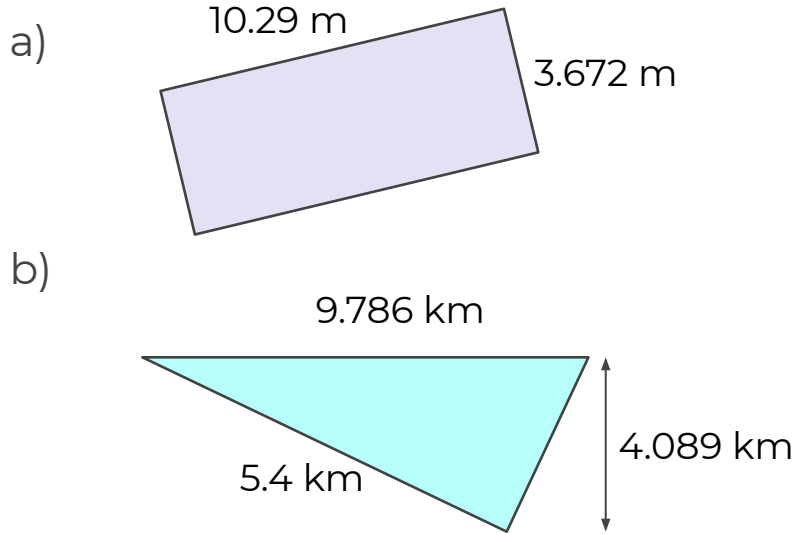
e)  $(8.765)^2$

f)  $\sqrt{598.5}$

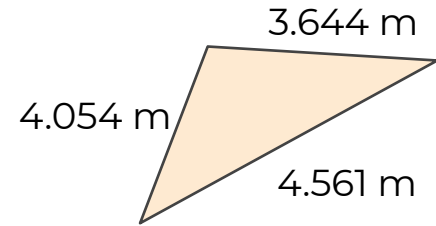


## Rounding to two decimal places

3. Calculate the area of the shapes and round your answers to 2 decimal places.



4. Amir and Eva are working out the perimeter of the triangle to 2 decimal places.



Here is their working.

Amir  $4.05 + 3.64 + 4.56 = 12.25$  m

Eva  $4.054 + 3.644 + 4.561 = 12.259$  m

What mistake have they each made?



# Answers



# Rounding to two decimal places

1. Round the following numbers to 2 decimal places

a)  $13.425$     $13.43$

b)  $1.7895$     $1.79$

c)  $0.404$     $0.40$

d)  $0.00056$     $0.00$

e)  $4.056$     $4.06$

f)  $0.9999$     $1.00$

g)  $0.09999$     $0.10$

2. Use a calculator to complete the questions.

Give your answers to 2 decimal places.

a)  $36.45 \times 67.3$     $2453.09$

b)  $1052 \div 67$     $15.70$

c)  $1678.4583 \div 0.5$     $3356.92$

d)  $9.067 \times 5.614$     $50.90$

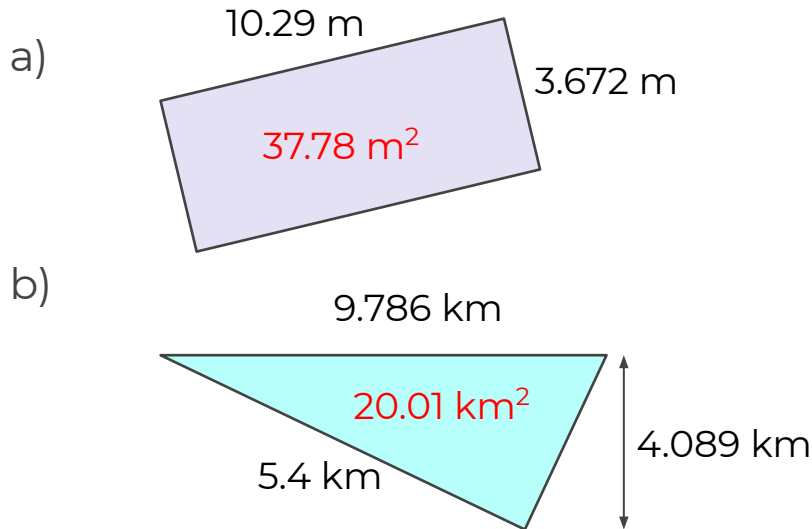
e)  $(8.765)^2$     $76.83$

f)  $\sqrt{598.5}$     $24.46$

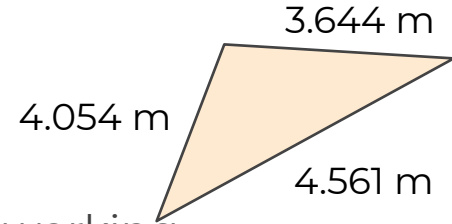


# Rounding to two decimal places

3. Calculate the area of the shapes and round your answers to 2 decimal places.



4. Amir and Eva are working out the perimeter of the triangle to 2 decimal places.



Here is their working.

Amir  $4.05 + 3.64 + 4.56 = 12.25$  m

Eva  $4.054 + 3.644 + 4.561 = 12.259$  m

What mistake have they each made?

Amir rounded before doing the calculation and Eva forgot to round her final answer.

