

CAPS

Basic Maths & Maths Lit

Notes, Questions & Answers



Rounding Numbers

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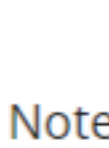
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About Rounding Numbers

In these notes you are going to be able to practice **Rounding Numbers** when calculating and solving questions . Make sure to practice all the questions so that you get used to solving problems of this nature.

 Note that **"Rounding Numbers"** is a sub topic and you can also access more notes, questions and answers under the main topic **"Operations On Numbers And Calculator Skills"** which is one of the recommended learning topics in the **CAPS Mathematical Literacy curriculum**.

Rounding Numbers (Questions And Answers)

1.

Consider the following number: **4,81350**

1.1 Round off to 1 decimal place

1.2 Round off to 2 decimal places.

1.3 Round off to 3 decimal places.

See Answer

2.

Round off to one decimal place:

a) 235,02

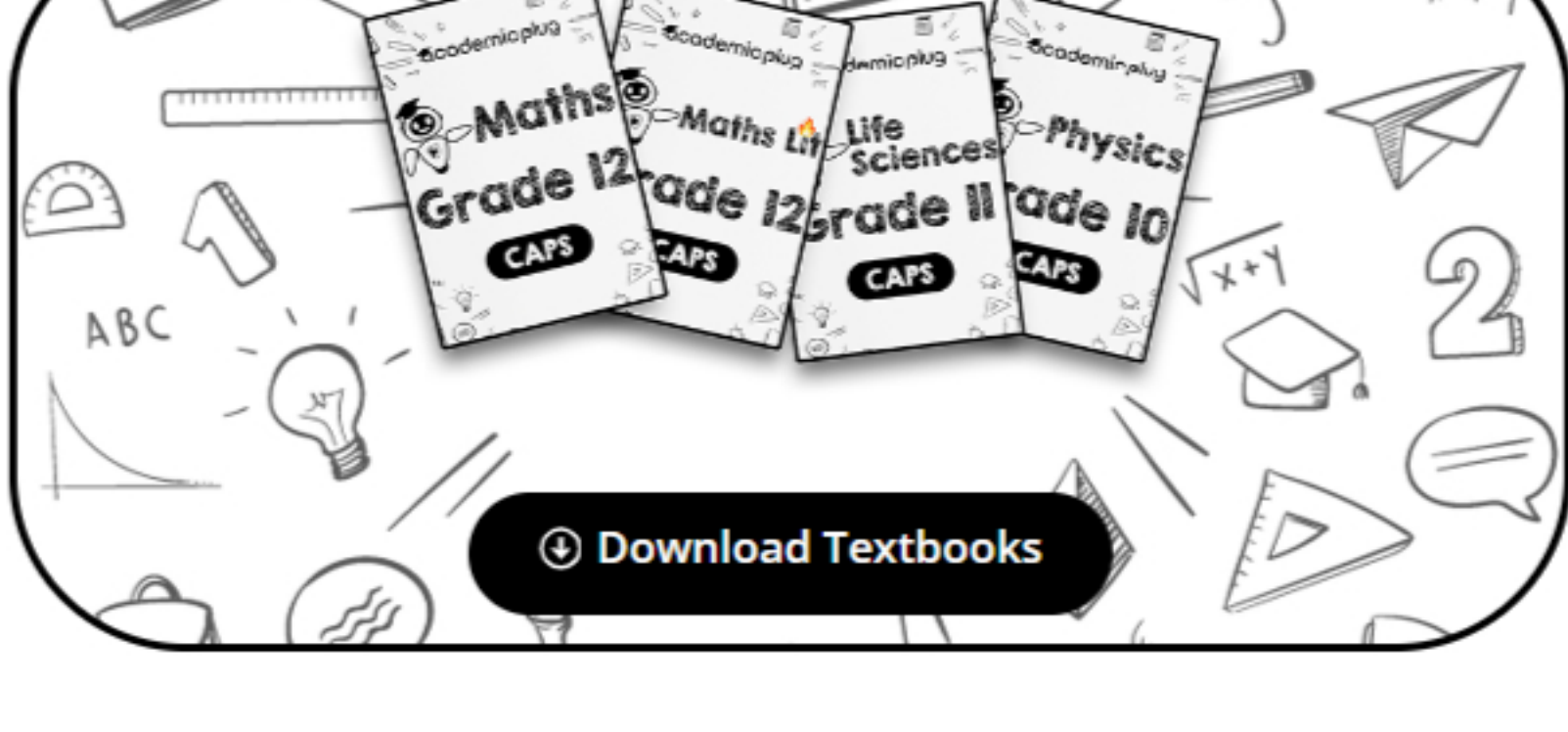
b) 12,9477

c) 38,98

See Answer

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3.

Round off to two decimal places.

a) 14,111

b) 134 6983

c) 7 482,5104

See Answer

4.

Round off to three decimal places:

a) 7,9999

b) 15,9983

c) 6,7053

See Answer

5.

Round off to the nearest 5 cents:

a) R335,73

b) R109,98

c) R34,56

See Answer

6.

Round off to the nearest rand :

a) R199,45

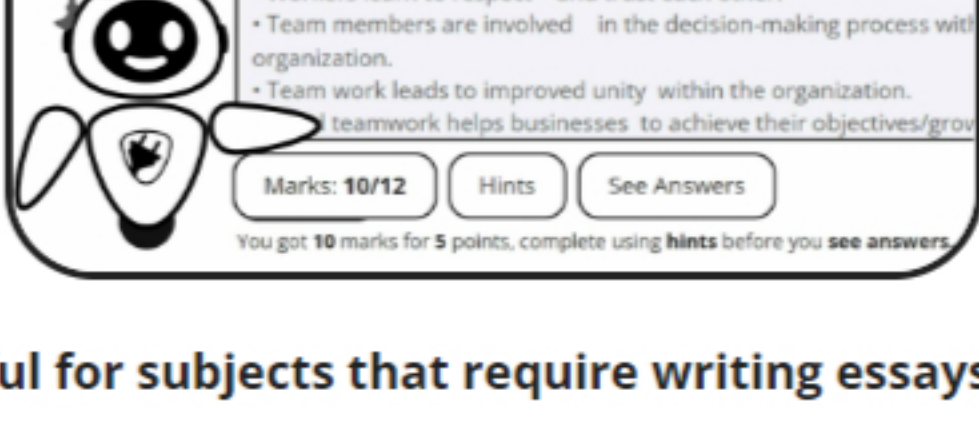
b) R39,98

c) R2 719,35

See Answer

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7.

Round off to the nearest R5:

a) R4 532

b) R2 462,15

c) R3 617,95

See Answer

8.

Round off to the nearest 10:

a) 894

b) 788

c) 2 174

See Answer

9.

Round off to the nearest 100:

a) 38 192

b) 7 135

c) 448

See Answer

10.

Round off to the nearest 1 000:

a) 1 241

b) 94 355

c) 6 551

See Answer

11.

Given a budget of R65 and the price per dried fruit bar being R9.95, how many bars can you purchase?

See Answer

12.

Given that Rob enjoys reading, he wants to construct a bookshelf that measures 1.3 meters (130 cm) in length. If the average width of his books is 3 cm, how many books can Rob fit on this shelf?

See Answer

Rounding Numbers (Questions And Answers)

1.

Consider the following number: **4,81350**

1.1 Round off to 1 decimal place

1.2 Round off to 2 decimal places.

1.3 Round off to 3 decimal places.

Answer:

1.1 = 4,8

1.2 = 4,81

1.3 = 4,814

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2.

Round off to one decimal place:

a) 235,02

b) 12,9477

c) 38,98

Answer:

a)= 235,0

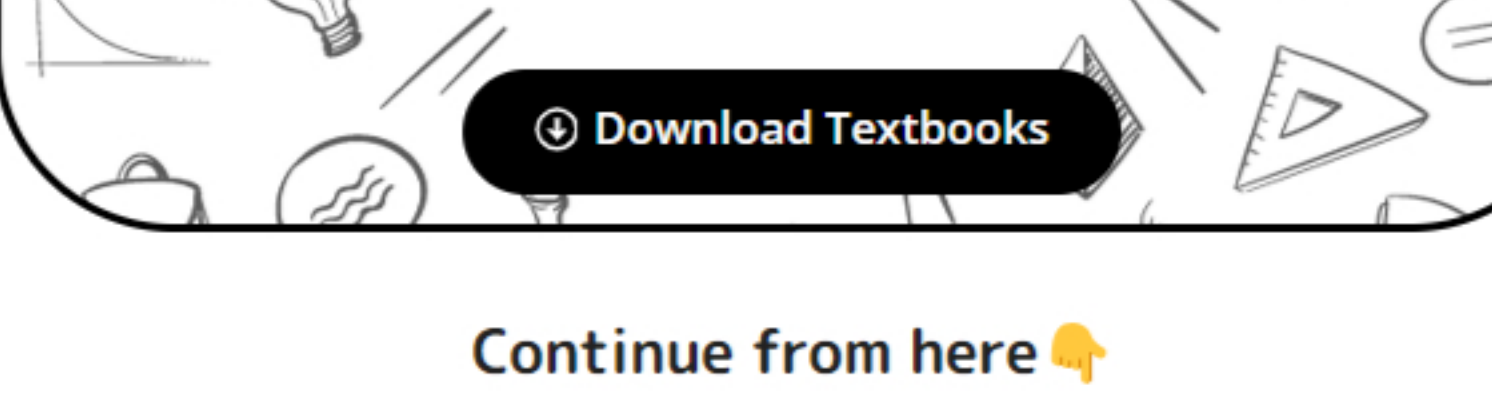
b)= 12,9

c)= 39,0

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3.

Round off to two decimal places.

a) 14,111

b) 134 6983

c) 7 482,5104

Answer:

= 14,11

= 134,70

= 7 482,51

Practice More Questions Like This

4.

Round off to three decimal places:

a) 7,9999

b) 15,9983

c) 6,7053

Answer:

a) = 8,000

b) = 15,998

c) = 6,705

Practice More Questions Like This

5.

Round off to the nearest 5 cents:

a) R335,73

b) R109,98

c) R34,56

Answer:

a) = R335,75

b) = R110,00

c) = R34,55

Practice More Questions Like This

6.

Round off to the nearest rand :

a) R199,45

b) R39,98

c) R2 719,35

Answer:

a) = R199

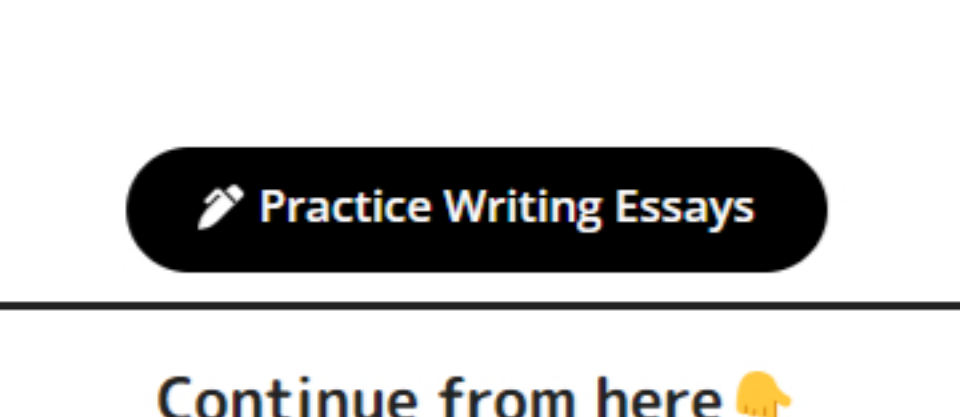
b) = R40

c) = R2 719

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7.

Round off to the nearest R5:

a) R4 532

b) R2 462,15

c) R3 617,95

Answer:

a) = R4 530

b) = R2 460

c) = R3 620

Practice More Questions Like This

8.

Round off to the nearest 10:

a) 894

b) 788

c) 2 174

Answer:

a) = 890

b) = 790

c) = 2 170

Practice More Questions Like This

9.

Round off to the nearest 100:

a) 38 192

b) 7 135

c) 448

Answer:

a) = 38 200

b) = 7 100

c) = 400

Practice More Questions Like This

10.

Round off to the nearest 1 000:

a) 1 241

b) 94 355

c) 6 551

Answer:

a) = 1 000

b) = 94 000

c) = 7 000

Practice More Questions Like This

11.

Given a budget of R65 and the price per dried fruit bar being R9.95, how many bars can you purchase?

Answer:

R65 ÷ R9,95

= 6,5327

≈ 6 bars

Practice More Questions Like This

12.

Given that Rob enjoys reading, he wants to construct a bookshelf that measures 1.3 meters (130 cm) in length. If the average width of his books is 3 cm, how many books can Rob fit on this shelf?

Answer:

130 ÷ 3

= 43,33

≈ 43 books

Practice More Questions Like This