

10. Q.N-response · Quantitative response formats: all valid values and numerical entry

Starter Quiz ·

GRE General Test

Name: _____ Score: _____

1. x is an integer and $x^2 < 9$. Select every valid value from the offered choices.

☐ 3

☐ -2

☐ 0

☐ -3

☐ 2

Tick every correct option.

2. What is 11 divided by 3, to the nearest tenth?

3. Estimate then compute: what is 19% of 412? Give your answer to the nearest whole number.

4. When $x^2 \leq 9$, the value $x = 3$ is allowed.

☐ True ☐ False

5. A fraction answer is entered in two boxes: the _____ and the denominator.

6. x is an integer and $x^2 \leq 9$. Select every valid offered value.

☐ 3

☐ -3

☐ 0

☐ -2

☐ 2

Tick every correct option.

7. Select every offered positive integer that divides 12 and is less than 6.

☐ 4

☐ 1

☐ 12

☐ 6

☐ 3

☐ 2

Tick every correct option.

8. 45 of 60 tickets are sold. An answer box has a percent sign after it. What number belongs before that sign?

9. A length is 2.4 metres. What numerical value belongs in an answer box labelled centimetres?

10. Compute $30 \times \frac{1}{7}$ to the nearest tenth.

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Answers ·

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1. **−2; 0; 2**

The five offered choices have squares 9, 4, 0, 4 and 9. Select −2, 0 and 2. The complete integer solution set also includes −1 and 1, but those values are not offered checkboxes.

2. **3.7**

$11/3 = 3.666\dots$ rounds to 3.7 to the nearest tenth. Keep enough precision until the final rounding; 3.67 is not the requested rounded value.

3. **78**

$0.19 \times 412 = 78.28$, so the nearest whole number is 78. The estimate 20% of $400 = 80$ checks the scale but does not establish the exact calculation or rounding.

4. **True**

The non-strict sign includes equality: $3^2 = 9$ satisfies $x^2 \leq 9$.

5. **numerator**

The upper fraction box holds the numerator and the lower box the denominator. The displayed format, not the calculation alone, determines the entry method.

6. **3; −3; 0; −2; 2**

The inclusive inequality permits −3 and 3 as well as the interior offered values. All five options are valid.

7. **4; 1; 3; 2**

All six divide 12, but 6 and 12 fail the less-than-6 condition. Select 1, 2, 3 and 4.

8. **75**

$45/60 = 0.75 = 75\%$. Enter 75 before the displayed percent sign, not 0.75.

9. **240**

Multiply by 100 centimetres per metre: $2.4 \times 100 = 240$.

10. **4.3**

$30/7 = 4.285714\dots$ rounds to 4.3. First rounding $1/7$ to 0.14 gives 4.2 and loses the required accuracy.