

Q4 (Area of Square) Day 84

Name: _____

1. A **square** has an **area** of **29cm²**. A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 2cm and 3cm☐The length is **between** 3cm and 4cm☐The length is **between** 4cm and 5cm☐The length is **between** 5cm and 6cm☐

2. A **square** has an **area** of **11cm²**. A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 2cm and 3cm☐The length is **between** 3cm and 4cm☐The length is **between** 4cm and 5cm☐The length is **between** 5cm and 6cm☐

3. A **square** has an **area** of **99cm²**. A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 8cm and 9cm☐The length is **between** 9cm and 10cm☐The length is **between** 10cm and 11cm☐The length is **between** 11cm and 12cm☐

4. A **square** has an **area** of **112cm^2** . A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 7cm and 8cm

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The length is **between** 8cm and 9cm

☐

The length is **between** 9cm and 10cm

☐

The length is **between** 10cm and 11cm

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5. A **square** has an **area** of **19cm^2** . A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 2cm and 3cm

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The length is **between** 3cm and 4cm

☐

The length is **between** 4cm and 5cm

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The length is **between** 5cm and 6cm

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6. A **square** has an **area** of **6.7cm^2** . A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 2cm and 3cm

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The length is **between** 3cm and 4cm

☐

The length is **between** 4cm and 5cm

☐

The length is **between** 5cm and 6cm

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7. A **square** has an **area** of **1.1cm^2** . A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 0cm and 1cm

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The length is **between** 1cm and 2cm

☐

The length is **between** 2cm and 3cm

☐

The length is **between** 3cm and 4cm

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8. A **square** has an **area** of **54.8cm^2** . A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 6cm and 7cm

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The length is **between** 7cm and 8cm

☐

The length is **between** 8cm and 9cm

☐

The length is **between** 9cm and 10cm

☐

9. A **square** has an **area** of **80.9cm^2** . A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 8cm and 9cm

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The length is **between** 9cm and 10cm

☐

The length is **between** 10cm and 11cm

☐

The length is **between** 11cm and 12cm

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10. A square has an area of 156cm^2 . A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 10cm and 11cm

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The length is **between** 11cm and 12cm

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The length is **between** 12cm and 13cm

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The length is **between** 13cm and 14cm

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11. A square has an area of 175cm^2 . A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 13cm and 14cm

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The length is **between** 14cm and 15cm

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The length is **between** 15cm and 16cm

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The length is **between** 16cm and 17cm

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12. A square has an area of 230cm^2 . A pupil is estimating **the length of one side of the square**. They must choose **one** of the four estimates below. Tick the correct box to show the **best** estimate.

The length is **between** 15cm and 16cm

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The length is **between** 16cm and 17cm

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The length is **between** 17cm and 18cm

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The length is **between** 18cm and 19cm

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Answers

1. The length is **between** 5cm and 6cm
2. The length is **between** 3cm and 4cm
3. The length is **between** 9cm and 10cm
4. The length is **between** 10cm and 11cm
5. The length is **between** 4cm and 5cm
6. The length is **between** 2cm and 3cm
7. The length is **between** 1cm and 2cm
8. The length is **between** 7cm and 8cm
9. The length is **between** 8cm and 9cm
10. The length is **between** 12cm and 13cm
11. The length is **between** 13cm and 14cm
12. The length is **between** 15cm and 16cm