

**Q4 (Problem Solving) Day 160 Name:** \_\_\_\_\_

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1. A parent won **£10,000** in a lottery. They gave **half** of the money to charity. Then they divided the **remaining** money **equally** between their **two** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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2. A parent won **£20,000** in a lottery. They gave **half** of the money to charity. Then they divided the **remaining** money **equally** between their **four** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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3. A parent won **£30,000** in a lottery. They gave **half** of the money to charity. Then they divided the **remaining** money **equally** between their **three** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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4. A parent won **£40,000** in a lottery. They gave **three quarters** of the money to charity. Then they divided the **remaining** money **equally** between their **eight** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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5. A parent won **£50,000** in a lottery. They gave **one quarter** of the money to charity. Then they divided the **remaining** money **equally** between their **five** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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6. A parent won **£60,000** in a lottery. They gave **one fifth** of the money to charity. Then they divided the **remaining** money **equally** between their **six** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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7. A parent won **£70,000** in a lottery. They gave **three fifths** of the money to charity. Then they divided the **remaining** money **equally** between their **seven** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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8. A parent won **£80,000** in a lottery. They gave **four fifths** of the money to charity. Then they divided the **remaining** money **equally** between their **five** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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9. A parent won **£250,000** in a lottery. They gave **seven eighths** of the money to charity. Then they divided the **remaining** money **equally** between their **ten** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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**10.** A parent won **£750,000** in a lottery. They gave **five eighths** of the money to charity. Then they divided the **remaining** money **equally** between their **six** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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**11.** A parent won **£1,000,000** in a lottery. They gave **seventeen twenty fifths** of the money to charity. Then they divided the **remaining** money **equally** between their **eight** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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**12.** A parent won **£2,500,000** in a lottery. They gave **thirty five fiftieths** of the money to charity. Then they divided the **remaining** money **equally** between their **fifteen** children. **How much** money did **each** child receive? Write your answer in the space below.

£ \_\_\_\_\_

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**Answers**

1. £2,500
2. £2,500
3. £5,000
4. £1,250
5. £7,500
6. £8,000
7. £4,000
8. £3,200
9. £3,125
10. £46,875
11. £40,000
12. £50,000