

Q2 (Problem Solving) Day 5 Name: _____

1. Sam's mobile phone contract includes the following information on the cost of calls:

50p per minute for the first minute

10p per minute for each minute after the first minute.

Sam makes a call which lasts **10 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

2. Grace's mobile phone contract includes the following information on the cost of calls:

30p per minute for the first two minutes

10p per minute for each minute after the first two minutes.

Grace makes a call which lasts **15 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

3. Derek's mobile phone contract includes the following information on the cost of calls:

50p per minute for the first three minutes

5p per minute for each minute after the first three minutes.

Derek makes a call which lasts **13 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

4. Clare's mobile phone contract includes the following information on the cost of calls:

35p per minute for the first four minutes
2p per minute for each minute after the first four minutes.

Clare makes a call which lasts **15 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

5. Michael's mobile phone contract includes the following information on the cost of calls:

70p per minute for the first two minutes
9p per minute for each minute after the first two minutes.

Michael makes a call which lasts **8 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

6. Gemma's mobile phone contract includes the following information on the cost of calls:

63p per minute for the first five minutes
8p per minute for each minute after the first five minutes.

Gemma makes a call which lasts **17 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

7. Toby's mobile phone contract includes the following information on the cost of calls:

37p per minute for the first three minutes

4p per minute for each minute after the first three minutes.

Toby makes a call which lasts **17 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

8. Barney's mobile phone contract includes the following information on the cost of calls:

29p per minute for the first five minutes

3p per minute for each minute after the first five minutes.

Barney makes a call which lasts **21 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

9. Jen's mobile phone contract includes the following information on the cost of calls:

£1.12 per minute for the first two minutes

11p per minute for each minute after the first two minutes.

Jen makes a call which lasts **9 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

10. Max's mobile phone contract includes the following information on the cost of calls:

49p per minute for the first three minutes

16p per minute for each minute after the first three minutes.

Max makes a call which lasts **18 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

11. Patrick's mobile phone contract includes the following information on the cost of calls:

92p per minute for the first six minutes

17p per minute for each minute after the first six minutes.

Patrick makes a call which lasts **12 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

12. Annie's mobile phone contract includes the following information on the cost of calls:

£1.43 per minute for the first seven minutes

17p per minute for each minute after the first seven minutes.

Annie makes a call which lasts **32 minutes**. **How much** will this call cost? Give your answer in **pence**. Write your answer in the space below.

_____ pence

Answers

- 1. 140**
- 2. 190**
- 3. 200**
- 4. 162**
- 5. 194**
- 6. 411**
- 7. 167**
- 8. 193**
- 9. 301**
- 10.387**
- 11.654**
- 12.1426**