

# May 2022 Edexcel 1F Question Selection

- 7 Simon buys some candles.  
Each candle costs £2
- Simon pays with a £20 note.  
He gets £6 change.
- Work out the number of candles Simon buys.
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 11 At the end of October, Fiona’s electricity meter reads 88 738 kWh.  
At the end of November, her electricity meter reads 89 198 kWh.
- Each kWh of electricity Fiona uses costs 16p
- Work out how much Fiona had to pay for the electricity she used in November.
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 12 (a) Work out  $\frac{5}{12} + \frac{1}{6}$
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 16 Savio leaves his home at 07 30 to drive to work.
- He drives a distance of 50 miles.
- Savio thinks he drives at an average speed of 40 miles per hour.
- (a) If Savio is correct, at what time will he arrive at work?

18 Here is a list of ingredients for making 10 scones.

Mia wants to make 25 scones.  
Work out how much sugar she needs.

| Ingredients for 10 scones |                    |
|---------------------------|--------------------|
| 75 g                      | butter             |
| 350 g                     | self-raising flour |
| 40 g                      | sugar              |
| 150 ml                    | milk               |
| 2                         | eggs               |

19 Increase 240 by 20%

25 A delivery company has a total of 160 cars and vans.

the number of cars : the number of vans = 3 : 7

Each car and each van uses electricity or diesel or petrol.

$\frac{1}{8}$  of the cars use electricity.

25% of the cars use diesel.

The rest of the cars use petrol.

Work out the number of cars that use petrol.  
You must show all your working.