

Test 2

You have 10 minutes to complete this test.

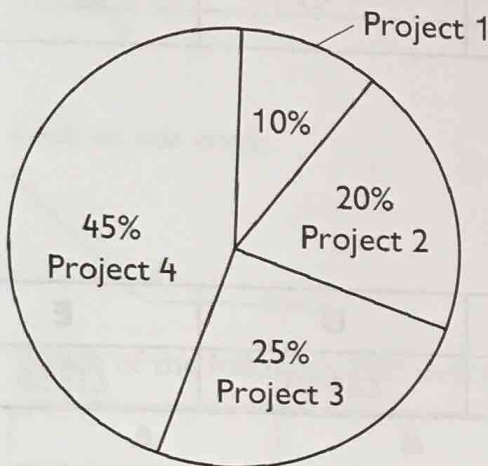
You have 10 questions to complete within the given time.



Circle the letter above the correct answer.

- ① The pie chart shows how much time Amanda spends working on different projects every day for one week.
She spends a total of 8 hours per day working on these projects.

How long does Amanda spend working on Project 3 in total?



| A | B | C | D | E |
|---------|---------|----------|---------|----------|
| 2 hours | 8 hours | 14 hours | 6 hours | 25 hours |

- ② A bus left at 3:40 p.m. and returned $2\frac{1}{3}$ hours later.

At what time did the bus return?

| A | B | C | D | E |
|-----------|-----------|-----------|-----------|-----------|
| 5:50 p.m. | 4:20 p.m. | 6:20 p.m. | 5:10 p.m. | 6:00 p.m. |

- ③ A lorry travelled 600 km in 15 hours.

What was the lorry's average speed in kilometres per hour?

| A | B | C | D | E |
|--------|--------|--------|--------|--------|
| 15 kph | 20 kph | 40 kph | 55 kph | 60 kph |

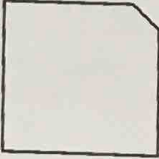
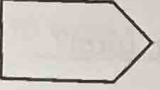
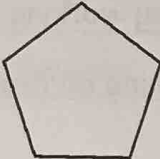
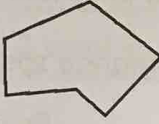

Questions continue on the next page

④ $35 \div \spadesuit = 21.6 - 4.1$

What is the value of \spadesuit ?

| A | B | C | D | E |
|---|---|-----|---|------|
| 7 | 5 | 2.8 | 2 | 17.5 |

⑤ Which of these shapes is **not** a pentagon?

| A | B | C | D | E |
|---|---|---|---|---|
|  |  |  |  |  |

⑥ The cost of manufacturing 20 tiles is £3.50

What is the cost of manufacturing 70 tiles?

| A | B | C | D | E |
|--------|--------|-------|--------|--------|
| £12.25 | £14.00 | £2.80 | £35.00 | £13.50 |

⑦ Here is part of a train timetable.

| Golford | 17:31 | — | 18:41 | 19:17 |
|------------|-------|-------|-------|-------|
| Derayston | 17:42 | 18:15 | 18:59 | 19:34 |
| Harley | — | 18:29 | 19:18 | 19:55 |
| Upperton | 18:23 | — | — | 20:17 |
| Baldington | 18:56 | 19:10 | 19:42 | — |

Bari is travelling from Derayston.

He needs to arrive at Baldington by 19:00 at the latest.

At what time is the train that Bari should take from Derayston?

| A | B | C | D | E |
|-------|-------|-------|-------|-------|
| 17:31 | 17:42 | 18:15 | 18:23 | 18:56 |

- 8 What is 60 as a percentage of 40?

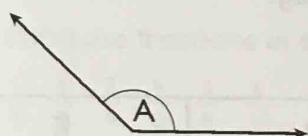
| A | B | C | D | E |
|-----|-----|------|------|-----|
| 66% | 40% | 120% | 150% | 20% |

- 9 The standard price for a theatre ticket is £8.20 per person.
In a special offer, orders of 5 tickets or more are charged at 10% less than the standard price.
Renn orders 7 tickets.

How much does Renn save per ticket compared to the standard price?

| A | B | C | D | E |
|-------|-------|--------|-------|--------|
| £8.20 | £5.74 | £57.40 | £0.82 | £32.80 |

- 10 Look at this angle.



Which of the following best describes Angle A?

| A | B | C | D | E |
|--------------|-------------|-------------|--------------|----------------------|
| reflex angle | acute angle | right angle | obtuse angle | angle of 230° |