

YEAR 9 NUMERACY Non Calculator – SET 9

Name Date

1 Which of these expressions is the same as $2x + y + 5x + y$?

$7x^2 + 2y$

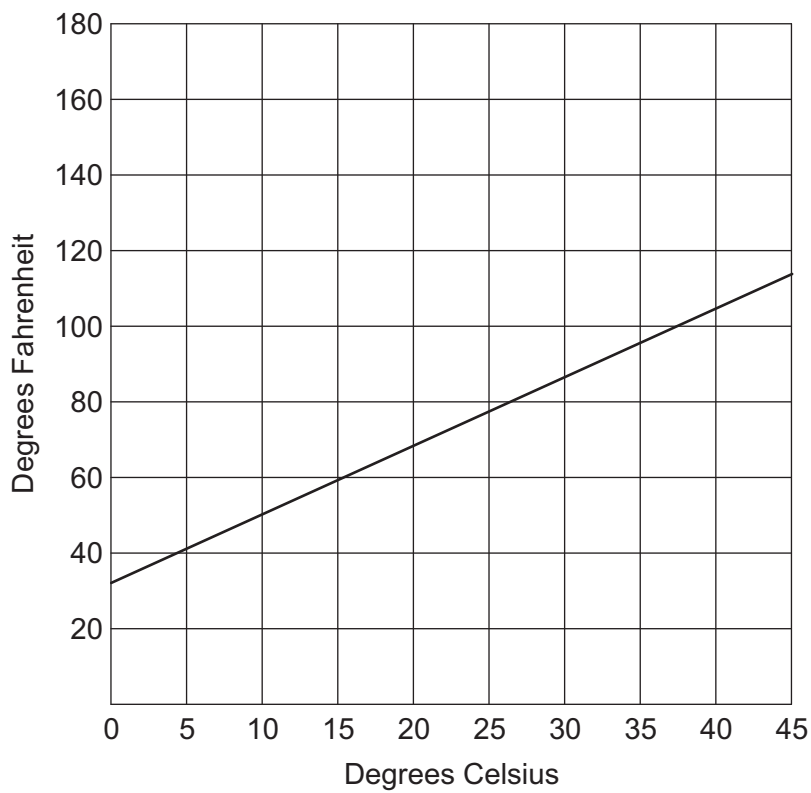
$7x^2 + y^2$

$7x + 2y$

$7xy$

2

Conversion graph
Celsius to Fahrenheit



Use this graph to estimate which of the following temperatures is closest to what 50 degrees Celsius would be in degrees Fahrenheit.

10°

113°

120°

130°

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3 Which of these is correct?

- $-10 < -9$
- $-9 > -3$
- $0 < -5$
- $-2 > 0$

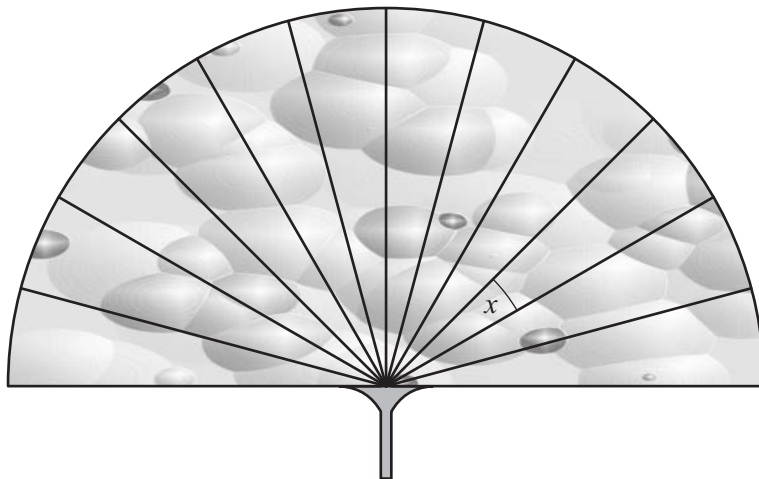
4 A leaflet deliverer walks all day putting leaflets into letterboxes.

She delivers $\frac{5}{8}$ of the leaflets by lunchtime and then the last 48 by the end of the day.

How many leaflets does she deliver?

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 64 | 80 | 96 | 128 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

5



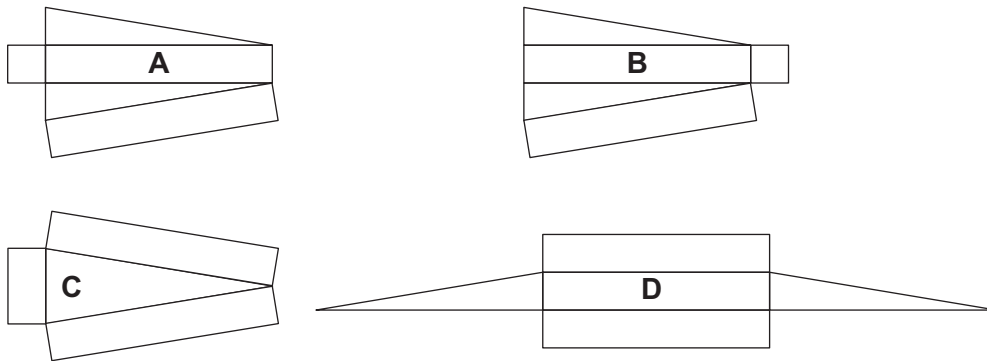
A semi-circular fan is divided into 12 equal sections.

What is the size of the angle at x ?

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 7.5° | 12° | 15° | 30° |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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6



Which one of these is the net of a triangular prism?

A

B

C

D

7

164 million can be expressed as

164×10^5

16.4×10^8

1.64×10^7

0.164×10^9

8

A cricket batsman has played three innings and his batting average is 91 runs. If two of his scores are 85 runs and 93 runs, what is his third score?