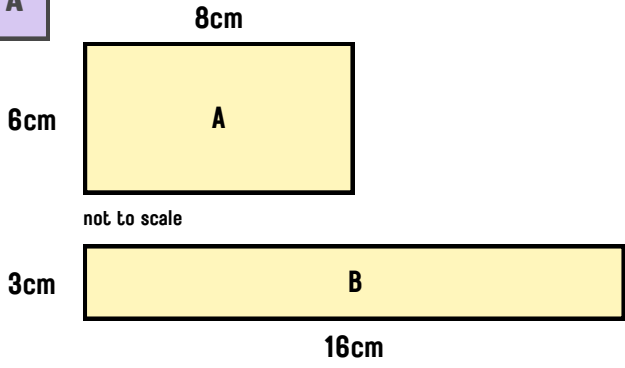


AREA AND PERIMETER

Look at the shapes below. Work out their area and perimeter. Once you have worked out their area and perimeter, compare each shape and see whether their areas or perimeters are the same or different.

A



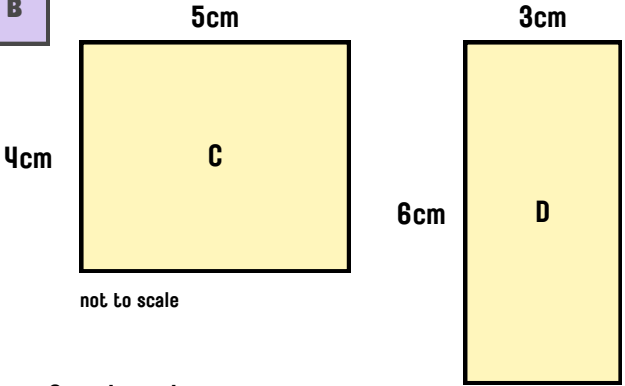
8cm
6cm
A
not to scale
3cm
B
16cm

1 Shape A:
Area = _____cm²
Perimeter = _____cm

2 Shape B:
Area = _____cm²
Perimeter = _____cm

Complete the sentence:
Shape A and B have the _____ area. Shape A and B have _____ perimeters.

B



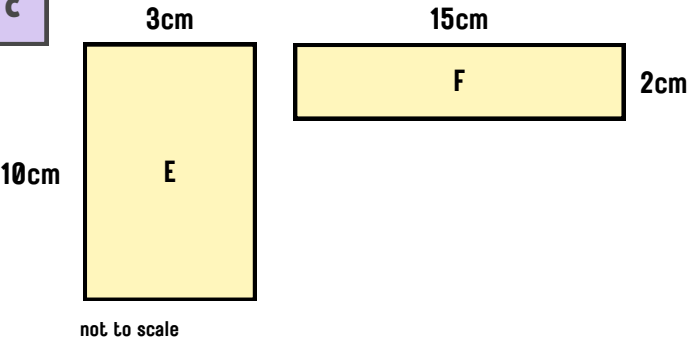
5cm
4cm
C
not to scale
3cm
6cm
D

1 Shape C:
Area = _____cm²
Perimeter = _____cm

2 Shape D:
Area = _____cm²
Perimeter = _____cm

Complete the sentence:
Shape C and D have _____ areas. Shape C and D have the _____ perimeter.

C



3cm
10cm
E
not to scale
15cm
F
2cm

1 Shape E:
Area = _____cm²
Perimeter = _____cm

2 Shape F:
Area = _____cm²
Perimeter = _____cm

Complete the sentence:
Shape E and F have the _____ area. Shape E and F have _____ perimeters.

ANSWERS

Look at the shapes below. Work out their area and perimeter. Once you have worked out their area and perimeter, compare each shape and see whether their areas or perimeters are the same or different.

A

8cm
6cm
A
not to scale
3cm
B
16cm

1 Shape A:
Area = 48cm²
Perimeter = 28cm

2 Shape B:
Area = 48cm²
Perimeter = 38cm

Complete the sentence:
Shape A and B have the same area. Shape A and B have different perimeters.

B

5cm
4cm
C
not to scale
3cm
6cm
D

1 Shape C:
Area = 20cm²
Perimeter = 18cm

2 Shape D:
Area = 18cm²
Perimeter = 18cm

Complete the sentence:
Shape C and D have different areas. Shape C and D have the same perimeter.

C

3cm
10cm
E
not to scale
15cm
F
2cm

1 Shape E:
Area = 30cm²
Perimeter = 26cm

2 Shape F:
Area = 30cm²
Perimeter = 34cm

Complete the sentence:
Shape E and F have the same area. Shape E and F have different perimeters.