Yr 4 Measures and data Unit 3 (4987)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

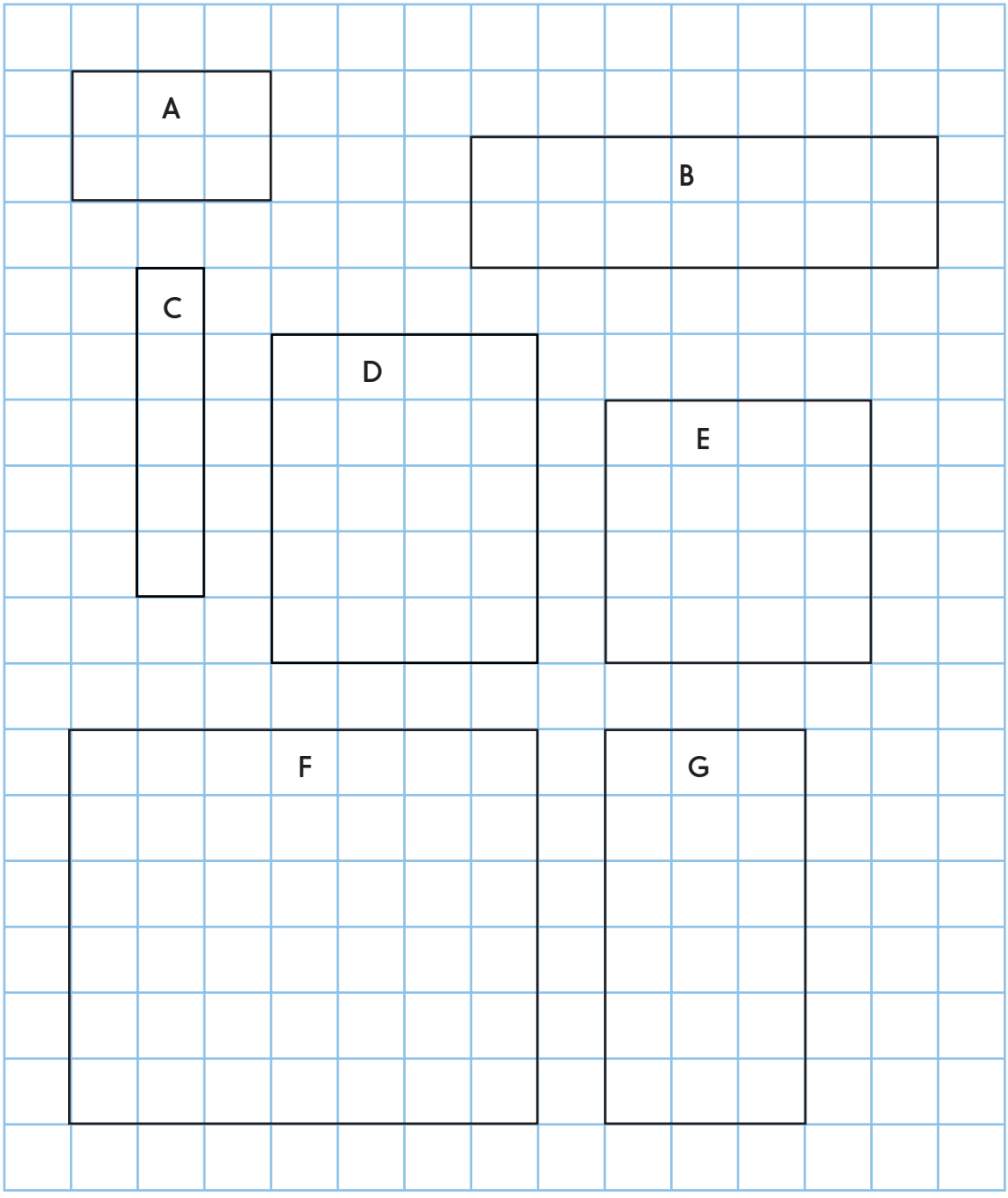
Day 1 Rectangle areas Sheet 1
Working towards ARE / Working at ARE / Greater Depth
Working towards ARE find the area of each shape.
Working at ARE / Greater Depth predict the order of shape area (smallest to biggest) before finding the areas.

Day 2 Rectilinear areas Sheet 1
Working towards ARE / Working at ARE / Greater Depth
Working towards ARE find the areas of each shape.
Working at ARE / Greater Depth predict the order of shape area (smallest to biggest) before finding the areas.

Rectangle areas

Sheet 1

Which of these rectangles has the largest area?



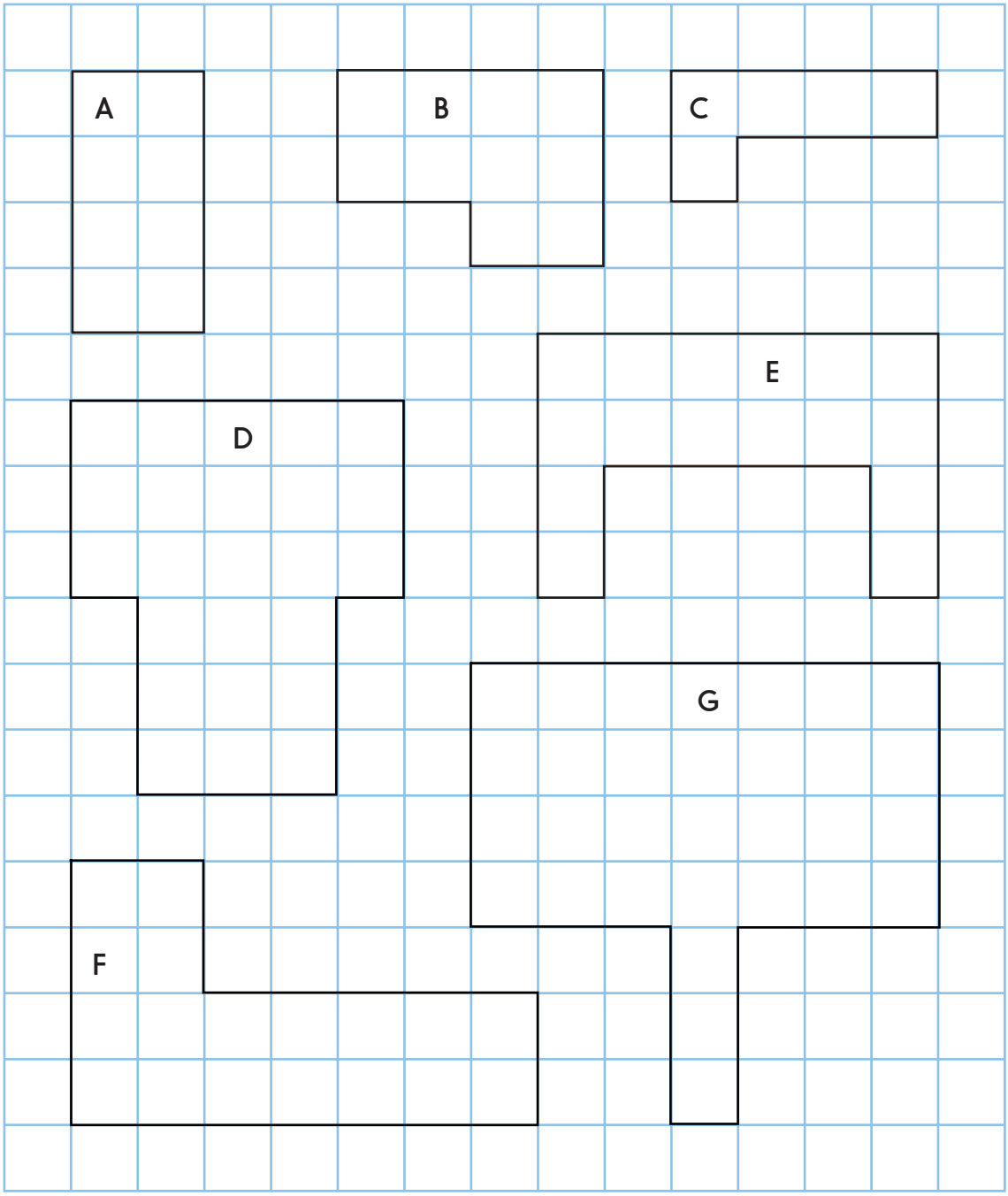
Challenge

Can you draw any other rectangles with same area as shape F?

Rectilinear areas

Sheet 1

Which of these shapes has the largest area?



Measures and data

Answers

Day 1 Rectangle areas Sheet 1

A 6 cm^2
B 14 cm^2
C 5 cm^2
D 20 cm^2
E 16 cm^2
F 42 cm^2
G 18 cm^2

In order of size from smallest to biggest: C, A, B, E, G, D, F

Which of these rectangles has the largest area? F

Challenge

Can you draw any other rectangles with same area as shape F?
Rectangles with an area 42 cm^2 may also be 42 cm x 1 cm, 21 cm x 2 cm, or 14 cm x 3 cm.

Day 2 Rectilinear areas Sheet 1

A 8 cm^2
B 10 cm^2
C 5 cm^2
D 24 cm^2
E 16 cm^2
F 18 cm^2
G 31 cm^2

In order of size from smallest to biggest: C, A, B, E, F, D, G

Which of these shapes has the largest area? G