

# Trend Task: Dot to Dot

Approach: Independent

Year: 4 & 8

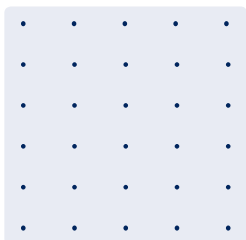
Focus: Drawing geometric figures

Resources: Ruler



## Questions / instructions:

1. Join dots to draw a right angle triangle.

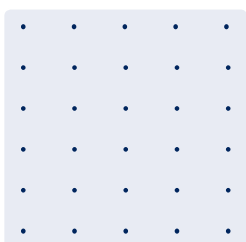


correct

27 (21)

70 (57)

2. Join dots to draw a rectangle.



correct

89 (77)

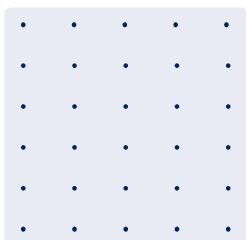
77 (88)

correct –  
drew a square

2 (12)

19 (6)

3. Join dots to draw a square.

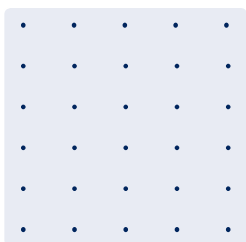


correct

89 (84)

95 (94)

4. Join dots to draw a hexagon (the sides don't need to be equal).



correct

26 (25)

53 (41)

**Total score:**

5

8 (6)

36 (27)

4

30 (26)

32 (35)

3

45 (44)

22 (28)

2

9 (12)

8 (6)

1

6 (8)

2 (1)

0

2 (4)

0 (2)

## Commentary:

Year 4 students were successful with the rectangle and the square but had difficulty with the right angle triangle and the hexagon. Year 8 students were much better with the triangle and hexagon. Students in 2005 outperformed the 2001 cohort, particularly on the more difficult shapes.