

## Homework

Which of the line segments below look parallel? Which look perpendicular? Which look neither parallel nor perpendicular? Explain your thinking. Possible answers given.

1.

Parallel: yes Perpendicular: no

They are the same distance apart at all points.

2.

Parallel: no Perpendicular: yes

The lines meet at a right angle.

3.

Parallel: no Perpendicular: no

They are not the same distance apart at all points, and they do not intersect at right angles.

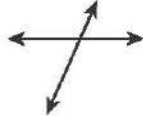
Tell whether each pair of lines is parallel, perpendicular, or neither.

4.



parallel

5.



neither

6.



perpendicular

7.



neither

8. First draw a line segment 5 cm long. Then draw a line segment 7 cm long parallel to your first line segment. Check students' drawings.