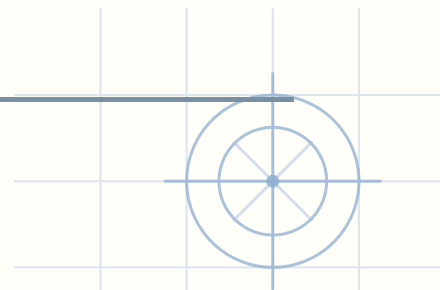


How many solutions — Multiply out first

Name: _____

Date: _____

(Multiply out first, then say how many solutions. Circle one.



1 $4(2x - 3) = 8x - 12$ One / None / Many

2 $2(-2x + 5) = 11x + 14$ One / None / Many

3 $4(2x - 5) = -20x - 60$ One / None / Many

4 $2(3x - 4) = 6x$ One / None / Many

5 $5(2x - 1) = 10x - 5$ One / None / Many

6 $2(4x - 6) = 8x - 4$ One / None / Many



How many solutions · Multiply out first — Answer key

1. $4(2x - 3) = 8x - 12$:
infinitely many

2. $2(-2x + 5) = 11x + 14$:
one solution

3. $4(2x - 5) = -20x - 60$:
one solution

4. $2(3x - 4) = 6x$: no
solution

5. $5(2x - 1) = 10x - 5$:
infinitely many

6. $2(4x - 6) = 8x - 4$: no
solution

