

Name \_\_\_\_\_

Date \_\_\_\_\_

Year Group \_\_\_\_\_

**Find the x and y intercepts from the standard equations below**

**Write fractions as improper fractions in the answer box**

1.  $4x + 3y = 12$

x-intercept = ( \_\_\_\_ , \_\_\_\_ ) y-intercept = ( \_\_\_\_ , \_\_\_\_ )

2.  $-x + 4y = -8$

x-intercept = ( \_\_\_\_ , \_\_\_\_ ) y-intercept = ( \_\_\_\_ , \_\_\_\_ )

3.  $-x - 8y = 16$

x-intercept = ( \_\_\_\_ , \_\_\_\_ ) y-intercept = ( \_\_\_\_ , \_\_\_\_ )

4.  $3x - 5y = -15$

x-intercept = ( \_\_\_\_ , \_\_\_\_ ) y-intercept = ( \_\_\_\_ , \_\_\_\_ )

5.  $3x - 2y = 24$

x-intercept = ( \_\_\_\_ , \_\_\_\_ ) y-intercept = ( \_\_\_\_ , \_\_\_\_ )

6.  $-x - y = 4$

x-intercept = ( \_\_\_\_ , \_\_\_\_ ) y-intercept = ( \_\_\_\_ , \_\_\_\_ )

7.  $-4x - 5y = 15$

x-intercept = ( \_\_\_\_ , \_\_\_\_ ) y-intercept = ( \_\_\_\_ , \_\_\_\_ )

8.  $8x - 3y = -2$

x-intercept = ( \_\_\_\_ , \_\_\_\_ ) y-intercept = ( \_\_\_\_ , \_\_\_\_ )

9.  $-5x - 4y = 12$

x-intercept = ( \_\_\_\_ , \_\_\_\_ ) y-intercept = ( \_\_\_\_ , \_\_\_\_ )