

Warmup 3

Round

Round the number **642.53** to the nearest...

_____ 1. Tens

_____ 2. Tenths

_____ 3. Integer

Convert to standard notation (no exponents):

4. $1.46 \times 10^{-3} =$

5. $5.45 \times 10^4 =$

Simplify the following expressions:

6. $\left[22 + \frac{(4-7^2)}{3}\right]^2 =$

7. $4ab - 6bc + 3bc - 2ab =$

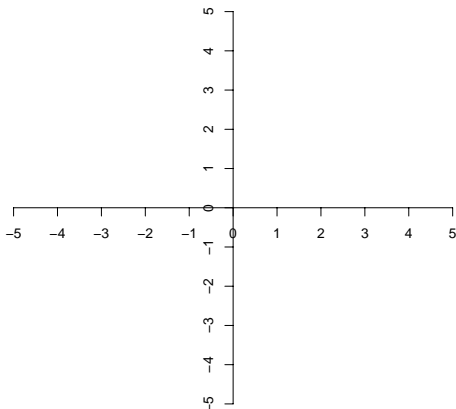
Simplify:

8. $4^2 =$

9. $4^{-2} =$

10. $4^{\frac{1}{2}} =$

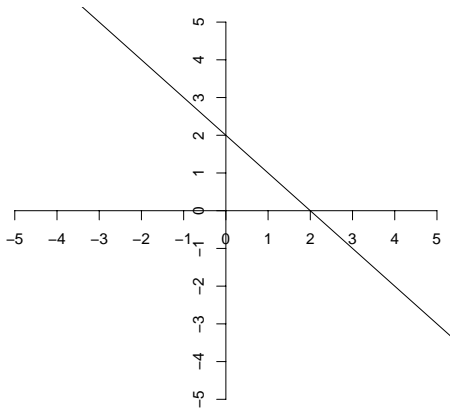
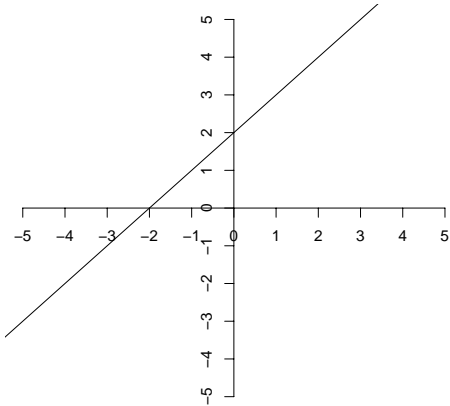
11. Graph the function $2y + 3 = x + y + 5$



12. Match these equations with their graphs:

$$y = x + 2$$

$$y = 2 - x$$



Solve the following equations:

13. $3(a - 2) = 15$

14. $|7 - 3| =$

15. $|8x - 4| = 12$

Find the equation of the line through these points:

16. (3,0) (6,3)