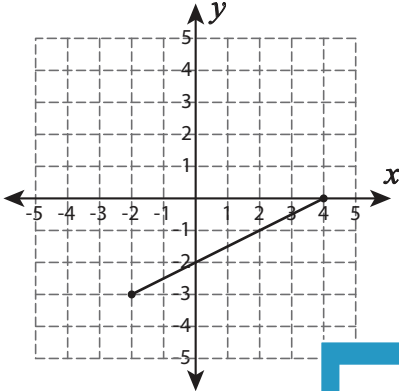


Length - Pythagorean Theorem

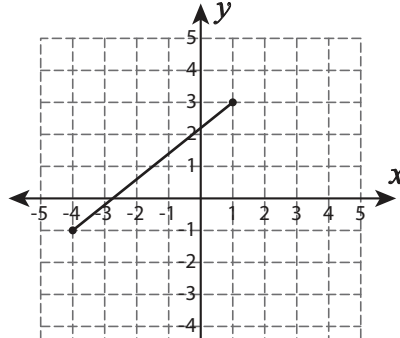
Sheet 5

Find the length of each line segment using pythagorean theorem. Verify the answer using distance formula. Round the answer to the nearest tenth.

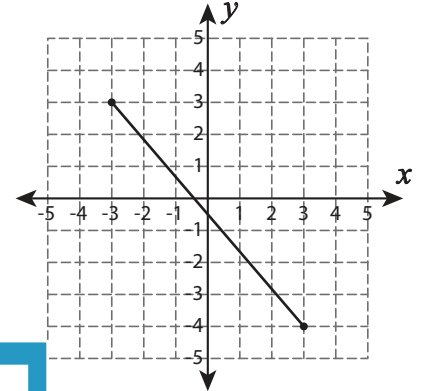
1)



2)



3)



PREVIEW

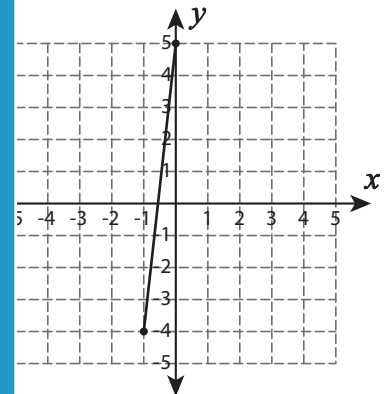
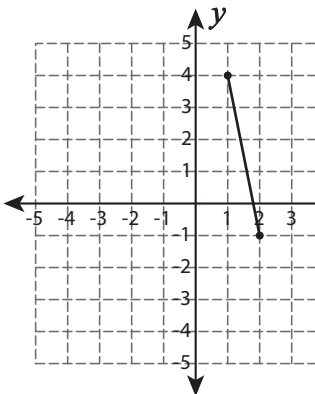
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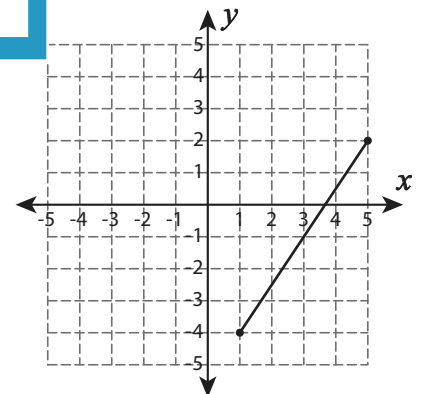
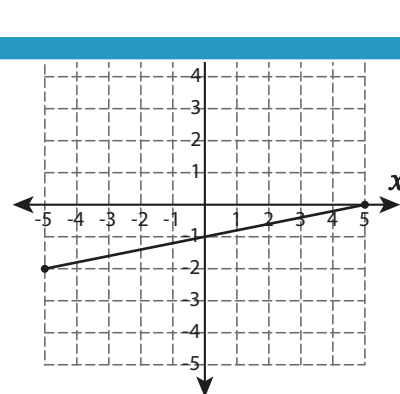
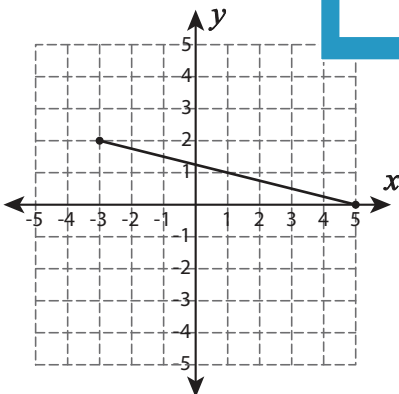
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4)



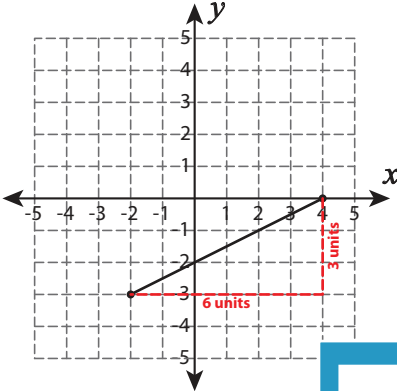
7)



Length - Pythagorean Theorem

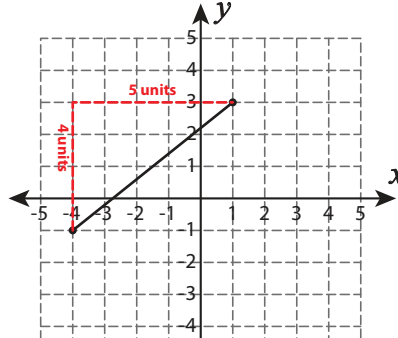
Find the length of each line segment using pythagorean theorem. Verify the answer using distance formula. Round the answer to the nearest tenth.

1)



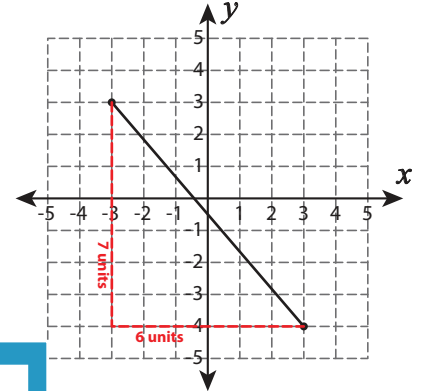
$$\sqrt{45} \approx 6.7 \text{ units}$$

2)

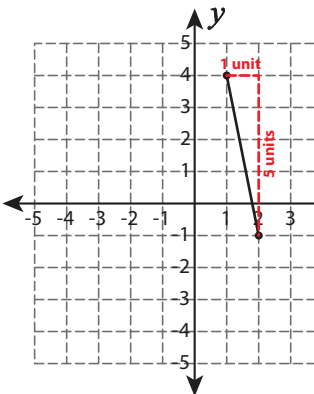


$$\sqrt{85} \approx 9.2 \text{ units}$$

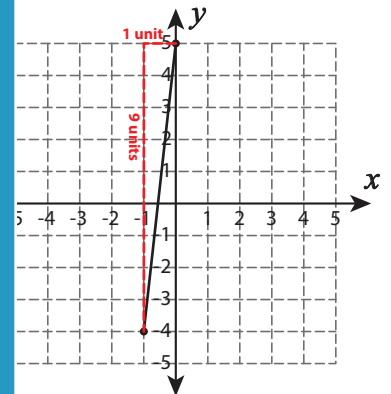
3)



4)

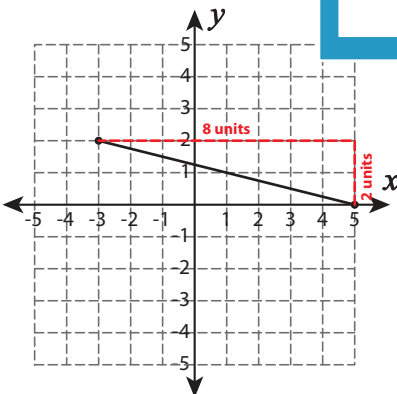


$$\sqrt{26} \approx 5.1 \text{ units}$$

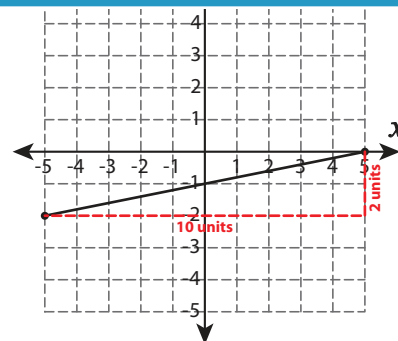


$$\sqrt{82} \approx 9.1 \text{ units}$$

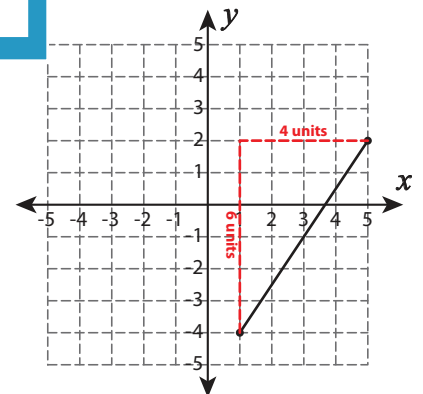
7)



$$\sqrt{68} \approx 8.2 \text{ units}$$



$$\sqrt{104} \approx 10.2 \text{ units}$$



$$\sqrt{52} \approx 7.2 \text{ units}$$

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