

Worksheet

05/25/2020

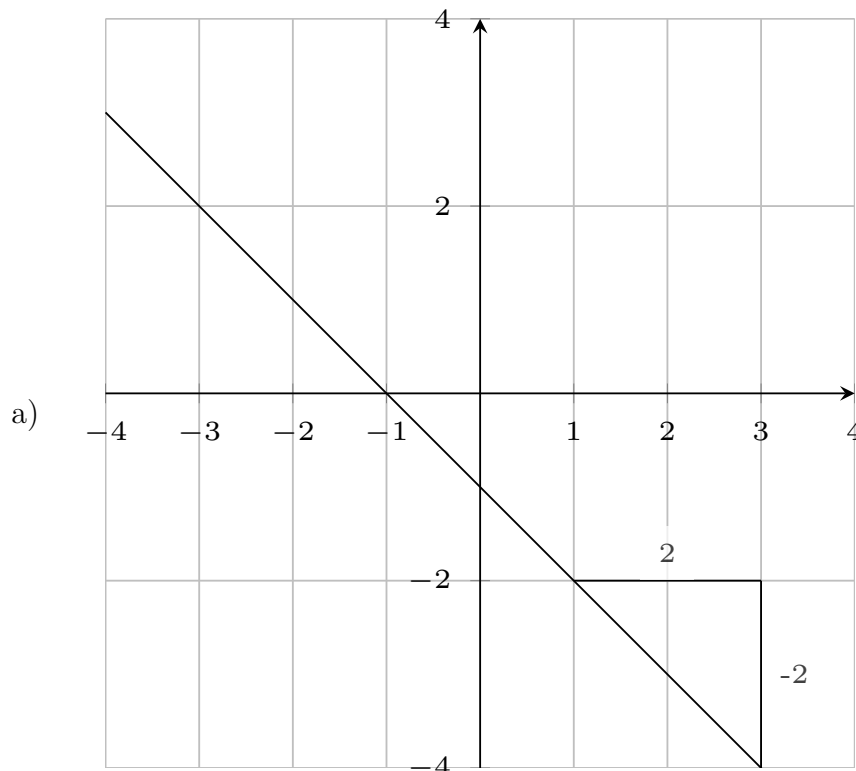
Free on dw-math.com

Problem quickname: 8003

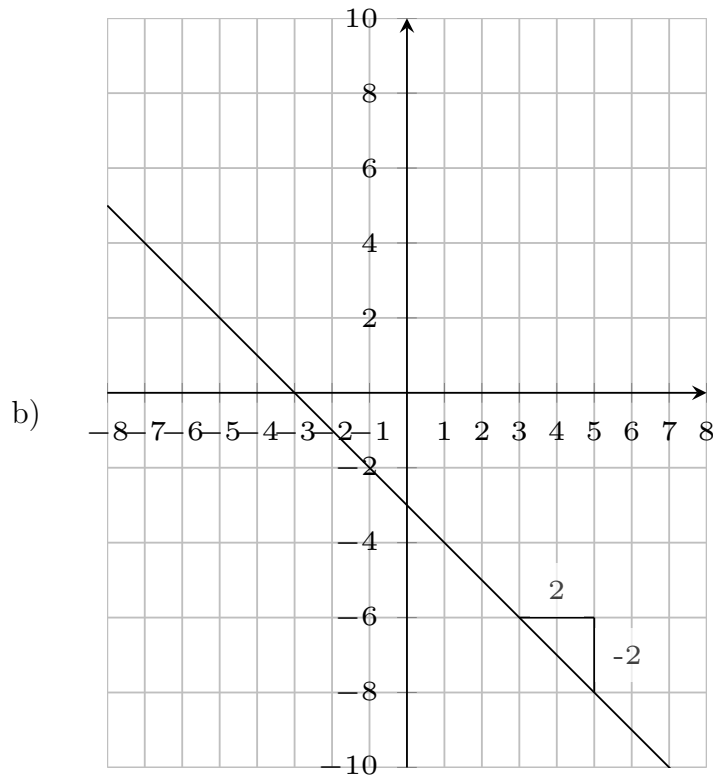
1)

Quick:
8003

A line is shown in the coordinate system. Draw a slope triangle at a suitable position, label two sides with "dy" for the "rise" and "dx" for the "run", measure their lengths and derive the slope from the fraction of rise and run..



$$\text{Slope: } m = \frac{dy}{dx} = \frac{-2}{2} = -1$$

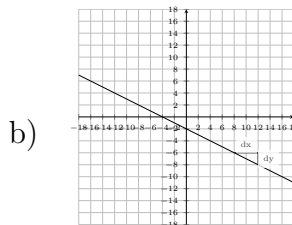
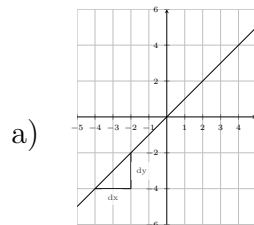


$$\text{Slope: } m = \frac{dy}{dx} = \frac{-2}{2} = -1$$

2)

A line is shown in the coordinate system. Draw a slope triangle at a suitable position and label two sides with "dy" for the "rise" and "dx" for the "run".

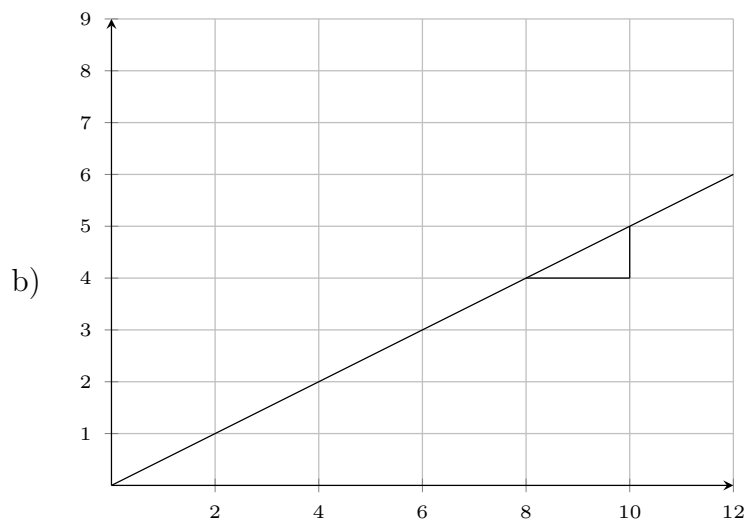
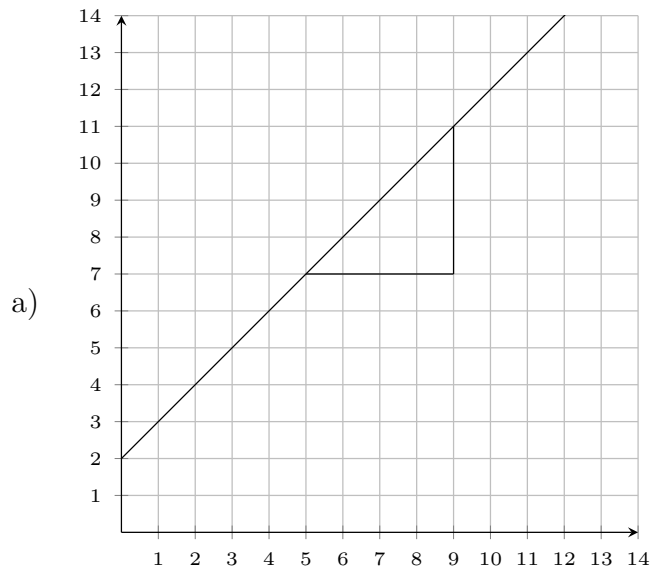
Quick:
8003



3)

Quick:
8003

A line is shown in the coordinate system. Draw a slope triangle at a suitable position.

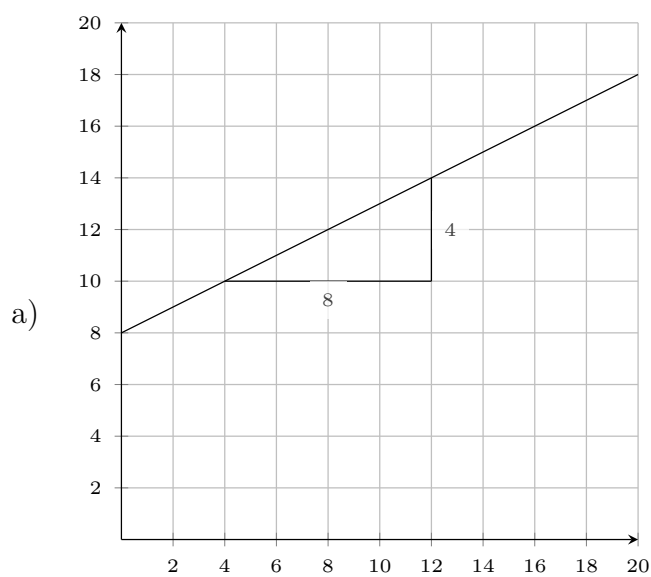


4)

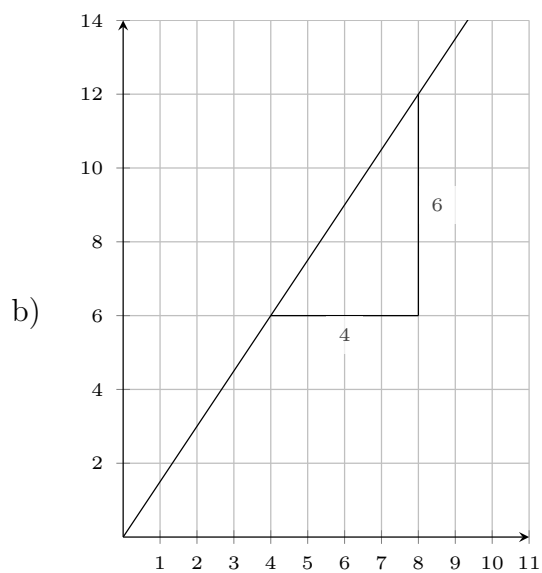
Quick:
8003

A line is shown in the coordinate system. Draw a slope triangle at a suitable position, label two sides with "dy" for the "rise" and "dx" for the "run", measure their

lengths and derive the slope from the fraction of rise and run..



Slope: $m = \frac{dy}{dx} = \frac{4}{8} = \frac{1}{2}$



Slope: $m = \frac{dy}{dx} = \frac{6}{4} = 1\frac{1}{2}$

Good Luck!