

**2016 Mathematics Standards of Learning
Algebra Readiness Formative Assessment**

5.6a

- Sue is baking a cake and brownies for the bake sale. For the cake she needs $4\frac{1}{2}$ cups of flour and for brownies she needs $\frac{2}{3}$ cup of flour. Sue has 6 cups of flour. How much flour will Sue have left after she makes the cake and brownies?
- Choose all of the combinations of days in which Tracy walked more than 6 kilometers.

Number of miles that Tracy walked	
Days	Kilometers
Monday	$3\frac{1}{4}$
Tuesday	$1\frac{3}{4}$
Wednesday	$\frac{7}{8}$
Thursday	$5\frac{1}{3}$
Friday	$2\frac{7}{8}$

Monday & Tuesday
Tuesday & Wednesday
Wednesday & Thursday
Thursday & Friday
Monday & Friday

3. Joey's goal was to run $3\frac{5}{8}$ miles in two days. If he runs $2\frac{3}{4}$ miles on the first day. How much more does he need to run on day two?

A. $\frac{7}{8}$ mile

B. $1\frac{7}{8}$ miles

C. $\frac{1}{8}$ mile

D. $1\frac{1}{8}$ miles

4. Jen bought $\frac{3}{4}$ pound of chicken and $1\frac{1}{2}$ pounds of turkey. How many pounds of meat did Jen buy?

A. $1\frac{1}{4}$

B. $1\frac{2}{3}$

C. $2\frac{1}{4}$

D. $2\frac{2}{3}$