**Grade 6 Math NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Problem-solving with fractions**

1. Paras has two KitKat bars. Each bar has four sections. She decides to give five friends of a bar each and keep the rest for herself. Represent how much she gives away as an **improper fraction**, as a **mixed number** and using a **number line**.

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2. Hannah will be spending her entire lunch at peer helping today. Ms. Pynn tells her that she will spend of her time in Ms. Lane’s class, of her time in Ms. Fleming’s class and of her time in Ms. Burton’s class. Explain why this isn’t possible using **numbers**, **words** and a **number line**.

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3. What luck! Someone has dropped off 8 cakes for the teachers to eat. By the end of the day, of each cake is left. Represent how much cake is left in total using **a number line**, and as a **mixed number** and an **improper fraction.**

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4. Oh no! Blake and Julia are in ANOTHER huge fight! Ms. Lane-Bolsom has asked them to get granola bars for 17 kindergarten students. The granola bars come in packs of 6. Blake says they’ll need packs, while Julia says they’ll need packs. Use **drawings** and **numbers** to determine who is correct.

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