Name: _____ Date: _____

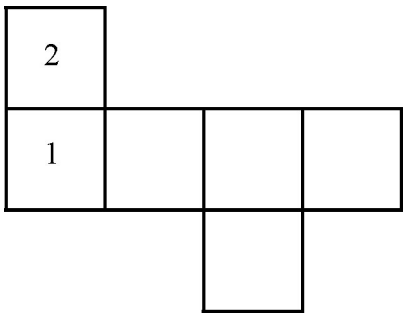
BLM 1.5.1

Practice: Focus on Selecting Tools and Computational Strategies

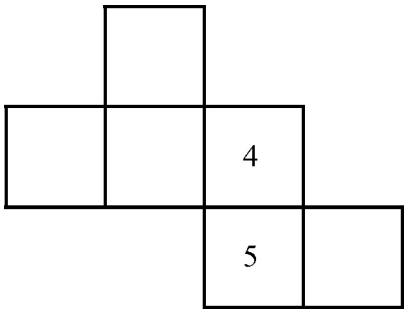
1. Draw a diagram to model $5 \times \left(-\frac{3}{5}\right)$.

2. The faces on a number cube are labelled so the sum of the numbers on opposite faces is 7. Each of these diagrams represents the net of a cube. Copy each of the diagrams and complete the labelling.

a)



b)



3. A number raised to the power 6 is 262 144. What is the number? Which tool did you use?

4. Find each sum or difference.

a) $-\frac{2}{3}+\left(-\frac{4}{3}\right)$ **b)** $\frac{1}{3}+\left(-\frac{2}{5}\right)$

c) $\frac{3}{8}-\left(-\frac{1}{4}\right)$ **d)** $-\frac{1}{4}-\frac{3}{5}$

5. Evaluate.

a) $-\frac{2}{5}\times\left(-\frac{1}{6}\right)$ **b)** $-\frac{5}{8}\times\frac{4}{5}$

c) $-\frac{7}{10}\div\left(-\frac{1}{5}\right)$ **d)** $\left(-3\frac{2}{9}\right)\div 1\frac{2}{3}$