Topic 1 enVision™ STEM Project

Solving Equations and Inequalities

BLM 1

Identify Your Dream Smartphone

List four things you want your smartphone to be able to do. Give details.

List two things you do *not* want your smartphone to do. Explain your choices.

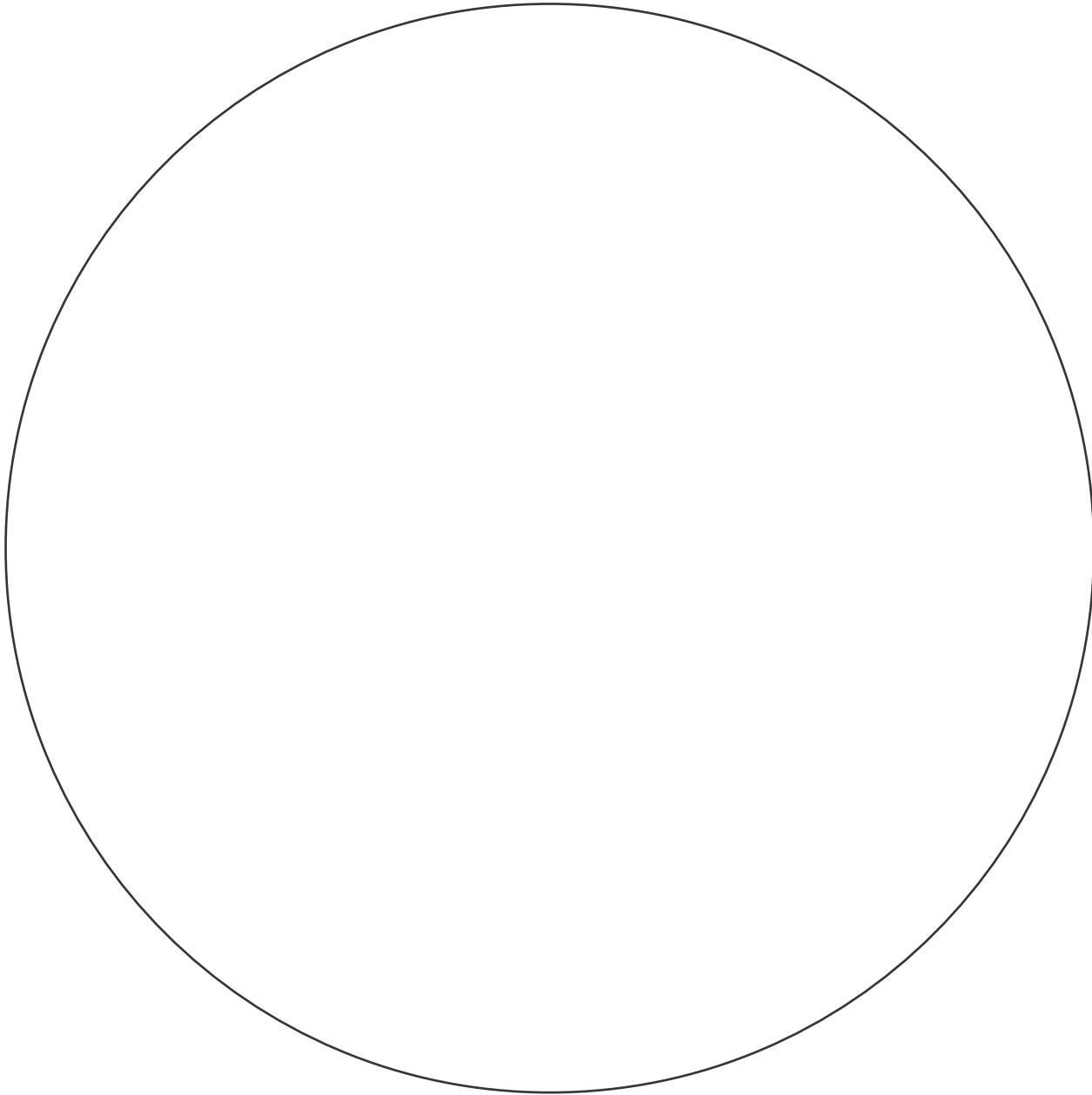# Topic 1 enVision™ STEM Project

Solving Equations and Inequalities   BLM 2

Allocate Memory on Your Dream Smartphone

Divide the memory on your smartphone into sections for each of the things you want your smartphone to do. Remember to include a section for the operating system. Write the percentage of memory each section occupies.

Smartphone Memory

Topic 1 enVision™ STEM Project

Solving Equations and Inequalities   BLM 3

Design Your Dream Smartphone

Use your memory allocation worksheet to decide how many gigabytes of memory your smartphone should have.

How many gigabytes will be allocated to each section? Write equations to show how the memory will be used.

Remember: 1 GB ≈ 250 songs or 435 photos or 5 mins of HD video

Draw a diagram showing your smartphone and what it will do.