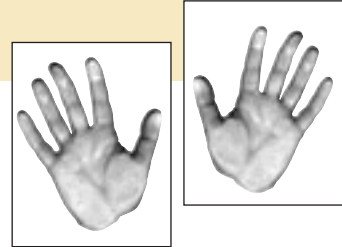


Smart Sizes

You need A3 and A4 sheets of paper a calculator
 access to a photocopier Internet access (optional)

Activity

Mayumi and Matt are doing some photocopying for their teacher.



1. Compare an A3 and an A4 sheet of paper.
 - a. What can you say about their areas?
 - b. What can you say about their lengths and their widths?
2.
 - a. Enlarge an A4 page to A3 size, using a photocopier. What percentage appears on the display panel?
 - b. Shrink an A3 page to A4 size, using a photocopier. What percentage appears on the display panel?
 - c. Why are these percentages not 200% and 50%?
3. What will be the length and width of an A2 sheet?
4. A0 paper is the largest standard sheet of paper. Find out its area. (Start with the measurements of an A4 sheet or use the Internet to help you.)
5.
 - a. How many times would you need to fold an A0 sheet before it was A5 size?
 - b. How many A5 sheets would you get out of one A0 sheet?
6.
 - a. What would be the length and width of an A10 sheet of paper?
 - b. Approximately what sheet size would a postage stamp be?

