## **Megabytes of Memory**



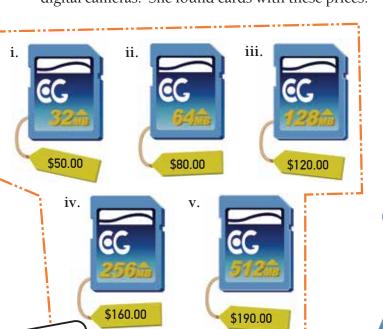
## Activity

32 MB ... Each megabyte holds 5 photos. So that's

Memory cards hold digital files. The amount of data they hold is given in megabytes (MB).

Beth needs to buy 3 memory cards for her school's digital cameras. She found cards with these prices:

I'll organise all the information in a table so that I can spot the patterns.







Is there a relationship between the price and the size (capacity) of the cards?

Each megabyte of data is enough to store about 5 low-resolution digital photographs.

How many photographs would fit on each of the memory cards that Beth is looking at?

- Beth has \$250 to spend on the 3 cards. What 3 cards can she buy? Explain your answer.
- Which option would give her the most photographs altogether?

Investigate how much memory high-resolution photographs use.

each of the cards that Beth is looking at?

3.