



2. Jack and Jill went up the hill to fetch a pail of water. Having filled the pail to the full, Jack fell down, spilling  $\frac{2}{3}$  of the water, before Jill caught the pail. She then tumbled down the hill, spilling  $\frac{2}{5}$  of the remainder.

What fraction of the pail does the remaining water fill?

- A  $\frac{11}{15}$       B  $\frac{1}{3}$       C  $\frac{4}{15}$       D  $\frac{1}{5}$       E  $\frac{1}{15}$



2. **D** After the first spill,  $\frac{1}{3}$  of the water remains.  
After the second spill,  $\frac{3}{5} \times \frac{1}{3}$  of the water remains, hence  $\frac{1}{5}$  of the pail had water left in it.