

extra help

preparation

Each pair of students will need:

- 1 cube labeled: D, D, DD, DD, DDD, DDD
- base-10 ones blocks

activity

In pairs, have one student say a number from one to nine. The other student then matches that number with ones blocks and rolls cube. If the student rolls D they double the amount. If they roll DD they double-double the amount. If the roll DDD, they double-double-double the amount. Students then alternate roles. To extend the activity ask students to write the multiplication fact to match their doubling. Students should note that doubling a quantity gives a twos fact, double-doubling a quantity gives a fours fact, and double-double-doubling a quantity gives an eights fact.

extra practice

preparation

None required.

activity

Pairs of students can play the online game “Do the Ds”.

extra challenge

preparation

None required.

activity

~ Pairs of students can play the online game "Do the Ds Again".