



# Daring Decimal Skittles

Have fun with an energetic game of skittles, and test your decimal adding skills at the same time.

## You will need:

- 6–10 skittles (see below for how to make skittles)
- Tennis ball
- Printed Decimal Number Cards
- Scissors
- Sticky tape, sticky tack or glue
- Pencil
- Paper

## What to do

1. Find a good place to play skittles – a corridor or long room or some flat ground outside.
  - Cut out the cards. (Check with an adult before using scissors.)
  - Stick one decimal number card onto each skittle.
  - Place your skittles in a triangle, with a point of the triangle facing the other end of your space.
  - Agree the amount of turns each player will get.
2. Take it in turns to roll the ball at the skittles, trying to knock over as many as possible.
3. Add the numbers on any knocked over skittles. This is your score.
4. Set up the skittles again for the next player.
5. The winner is the person with the highest score when everyone has had all of their turns.

*When you're ready, make the game harder by using some of the numbers on the second sheet of number cards, which have numbers with 2 or 3 decimal places.*

## To make skittles, you will need:

- Between 6 and 10 washed out old plastic bottles of the same size, e.g. water or soft drink bottles
- Some sand, soil or flour

## What to do

Put about 2cm of sand, soil or flour in the bottom of each bottle. You need to have enough weight to stop them being blown over, but little enough so that they can easily be knocked down by your ball. And that's it!

## Decimal Number Cards



**0.5**

**0.8**

**1.0**

**1.2**

**1.5**

**1.8**

**2.0**

**2.2**

**2.5**

**3.0**

## Decimal Number Cards (continued)



**0.25**

**0.75**

**1.25**

**1.75**

**2.25**

**2.75**

**1.375**

**1.875**

**2.375**

**2.875**