

Save the Snowman!

Make circle snowmen or snowwomen tree decorations and save them from melting by playing this game with numbered snowflakes!



You will need:

- Paper / card - different colours or white and colouring pens, pencils or crayons
- Some circular objects to draw around (not too big)
- Scissors
- Glue
- Colouring pens, pencils or crayons
- 2 dice or 2 dice nets <https://www.mathsontoaast.org.uk/wp-content/uploads/2020/03/Dice-net-1.pdf>
- Counters (or we will use bits of paper to make our own)
- Thread
- LED / battery operated tealight (optional)



Making your game:

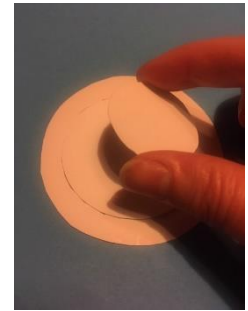
1. Choose the colour of your board – blue for sky, black for night, or red / orange / yellow for a sunrise / sunset! Either use coloured card, or fill white card in using pens or pencils. With the latter option, you could leave space for the snowflakes...
2. ... or cut out white snowflakes (small circles) and snow for the bottom of the board. Alternatively, use white pencils/paint.
3. Choose some numbers (largest 36 – why do you think that is?), write them on your snowflakes, and stick them on if you have cut out ones.
4. To make your snowman, draw 3 circles on white card each one slightly smaller than the previous one. You can use round items you have to draw around, or try it freehand!



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5. Stick your circles one on top of the other, with the largest at the bottom, and the smallest on the top.
6. Make your snowman come alive by adding items to the circle layers such as arms, hat, scarf, eyes and a big smile!
7. If you have one, use an LED lightbulb to make its nose shine! Either snip a hole in the centre of each circle before sticking, or pop some sticky tac under the circles and press down in the centre of the circle using a sharp pencil to make a hole. Push the tealight (nose) through the hole.
8. Tape thread to the back of your snowman to make it a Christmas decoration.
9. Finally, if you are making your dice, then draw or print the net and build. Make your counters if you don't have any. You will need 5 – 10, depending on number of snowflakes, in a different colour for each player.



How to play

Roll your dice!



Use the numbers to create a calculation with an answer that is on one of your snowflakes.

$$1 + 6 =$$

$$6 - 1 =$$

$$1 \times 6 =$$

$$6 \div 1 =$$



Claim that snowflake, by putting your counter on it, to stop your snowman from melting!

The winner is the person with most counters – congratulations, your snowman hasn't melted!



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