important hints:

- Watch movie from 5:00 AM and answer question until 23:00.
- Solution movie and points provided at 8:00 the next morning.
- Answer weekend questions (Sat & Sun) until Monday evening 23:00.
- Answer **exactly once**. Answers cannot be changed.
- In case of questions, ask them via contact form on webpage **before** answering.
- Additional hints might be given in the „**hint of the day**“ (red bauble on webpage).
- Start with two jokers. Gain another joker by watching 10 solution movies. Jokers are played automatically in case of need.
- **Audience Joker**: See how the other participants voted and then decide. You can use this joker only once.
- **50:50-Joker**: Reduce the selection to only two options, one correct one and another one. You can use this joker only once.

Shopping list for PiA® – Physics in Advent 2026

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1.)
- 0.5-litre bottle of water
- scissors or craft knife
- water
- table tennis ball

2.)
- basketball, football or volleyball
- tennis ball or similar ball

3.)
- water glass and water
- pencil or coloured pencil
- transparent adhesive tape (e.g. Tesa)

4.)
- a piece of black paper (2 cm × 4 cm)
- scissors
- liquid glue (e.g. Uhu)
- a glass of water
- water
- a white sheet of paper
- kitchen roll
- cleaning solvent or methylated spirits

5.)
- two water glasses
- several ink cartridges
- a glass of distilled water
- a glass of tap water
- scissors or a craft knife

6.)
- smartphone
- the “PhyPhox” app should be pre-installed.

7.)
- sewing thread
- scissors
- paper clips
- eleven nuts
- smartphone or stopwatch

8.)
- sewing thread
- scissors
- paper clips
- eight nuts
- smartphone or stopwatch

9.)
- (dry) butter biscuits
- a glass of water
- a smartphone or stopwatch

10.)
- mandarin
- plate
- sparkler
- match or lighter

11.)
- a mandarin from yesterday
- a vase, carafe or cylindrical container approximately 20–30 cm high and 15–20 cm wide

12.)
- plastic tube about 2 cm thick
- a saw
- balloon
- strong adhesive tape

13.)
- a small bowl with a smooth, horizontal rim
- cling film
- pipe cleaners
- a speaker for music

14.)
- 0.3-litre or 0.5-litre PET bottle
- water
- match

15.)
- A4 sheet of paper

16.)
- paper cups
- incense stick
- plate
- craft knife or scissors

17.)
- two cylindrical water glasses
- water
- one tablespoon

18.)
- balloon
- parcel string
- cold tap water
- warm tap water
- one or two tall containers or vases

19.)
- one raw, white chicken egg
- a water glass
- 0.2 l of cola

20.)
- wine glass
- water
- tablecloth
- adhesive tape

21.)
- vase or glass cylinder
- water
- small towel
- a narrow water glass
- adhesive tape

22.)
- vase or large bowl
- water
- aluminium foil

23.)
- two small bottles
- red and blue food colouring
- a transparent bowl
- ice cubes
- hot water, possibly a kettle
- tap water

24.)
- 0.2–0.4 litre glass bottle
- water
- kitchen roll (or tissue paper or toilet paper)