

Radioactivity

Fill in the blanks

| Type of radiation | Symbol | What is it made from? | How far will it travel in air? | What stops it? |
|-------------------|--------|-----------------------|--------------------------------|----------------|
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MATCH THE FOLLOWING

What is the penetrating power of each type of radiation?

gamma

stopped by a thin layer of aluminium

beta

stopped by paper or skin

alpha

can only be stopped by thick lead

What is the range in air of each type of radiation?

gamma

travels a few centimetres in air

alpha

can only be stopped by thick lead

beta

travels a few metres in air