

Paper Reference(s) 1SC0/2PF
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Combined Science
PAPER 6
Foundation Tier

Wednesday 1 December 2021 – Afternoon

Diagram Booklet

In the boxes below, write your name, centre number and candidate number.

| | | | | | |
|------------------|--|--|--|--|--|
| Surname | | | | | |
| Other names | | | | | |
| Centre Number | | | | | |
| Candidate Number | | | | | |

INSTRUCTIONS

There may be spare copies of some diagrams in case you need them.

THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

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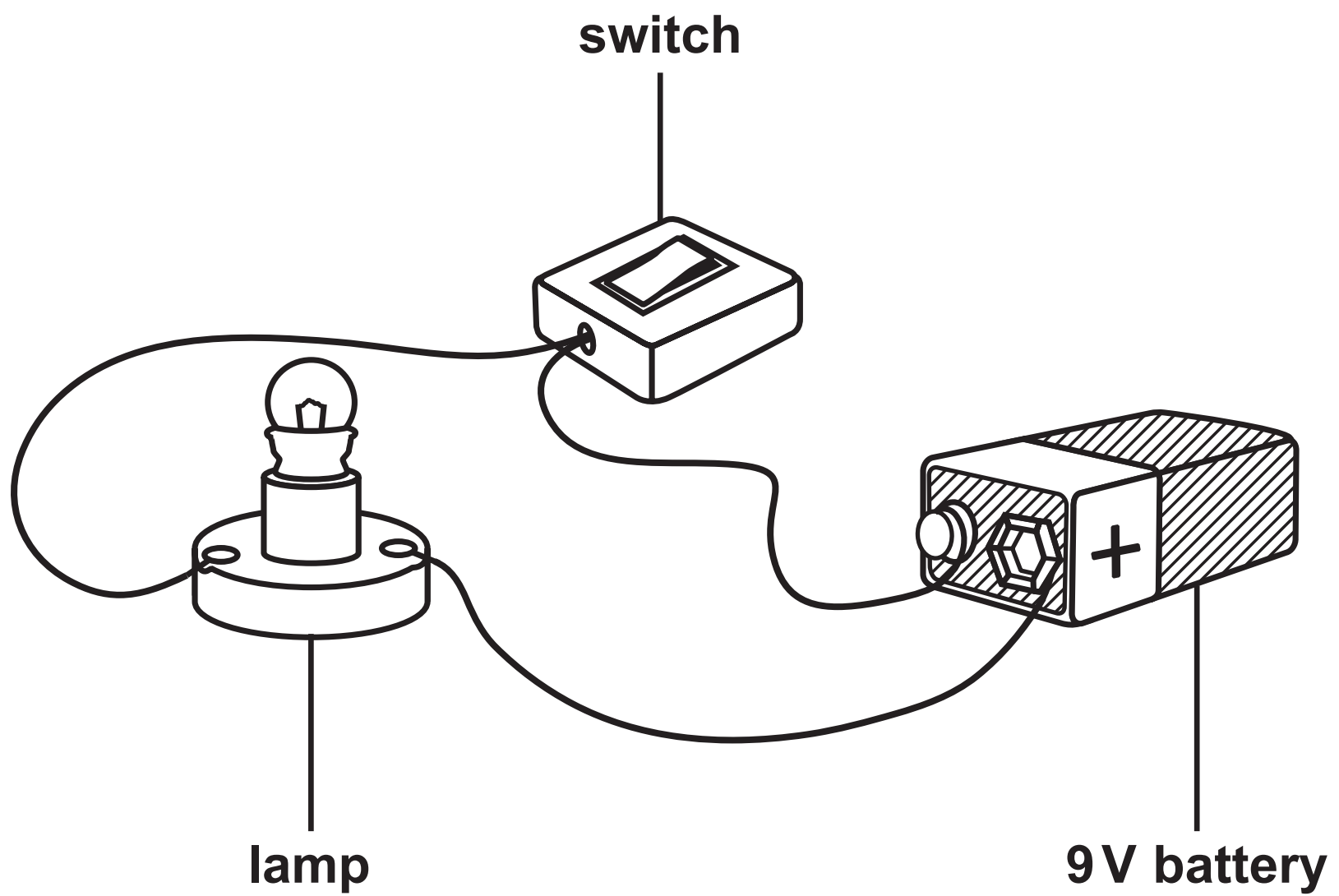
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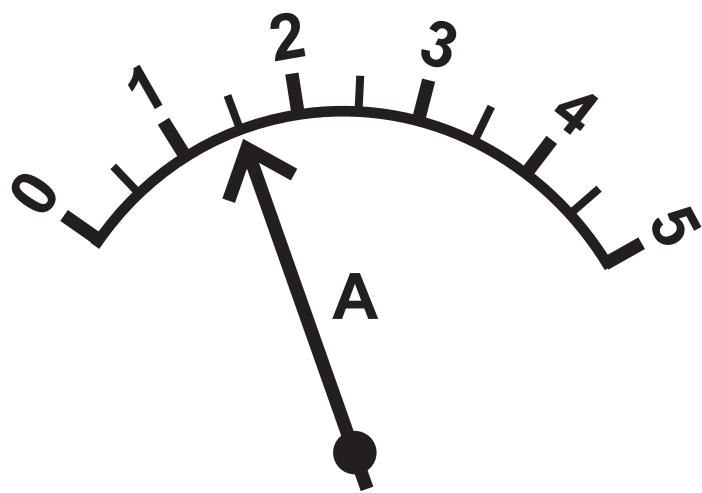
Question 1

FIGURE 1



Question 1(c)

FIGURE 2

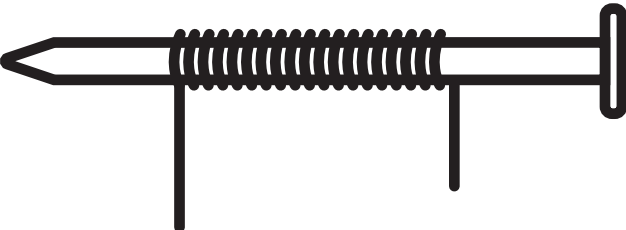


Question 2(a)

FIGURE 3

OBJECT

DESCRIPTION




nail in a current-carrying coil

● non-magnetic



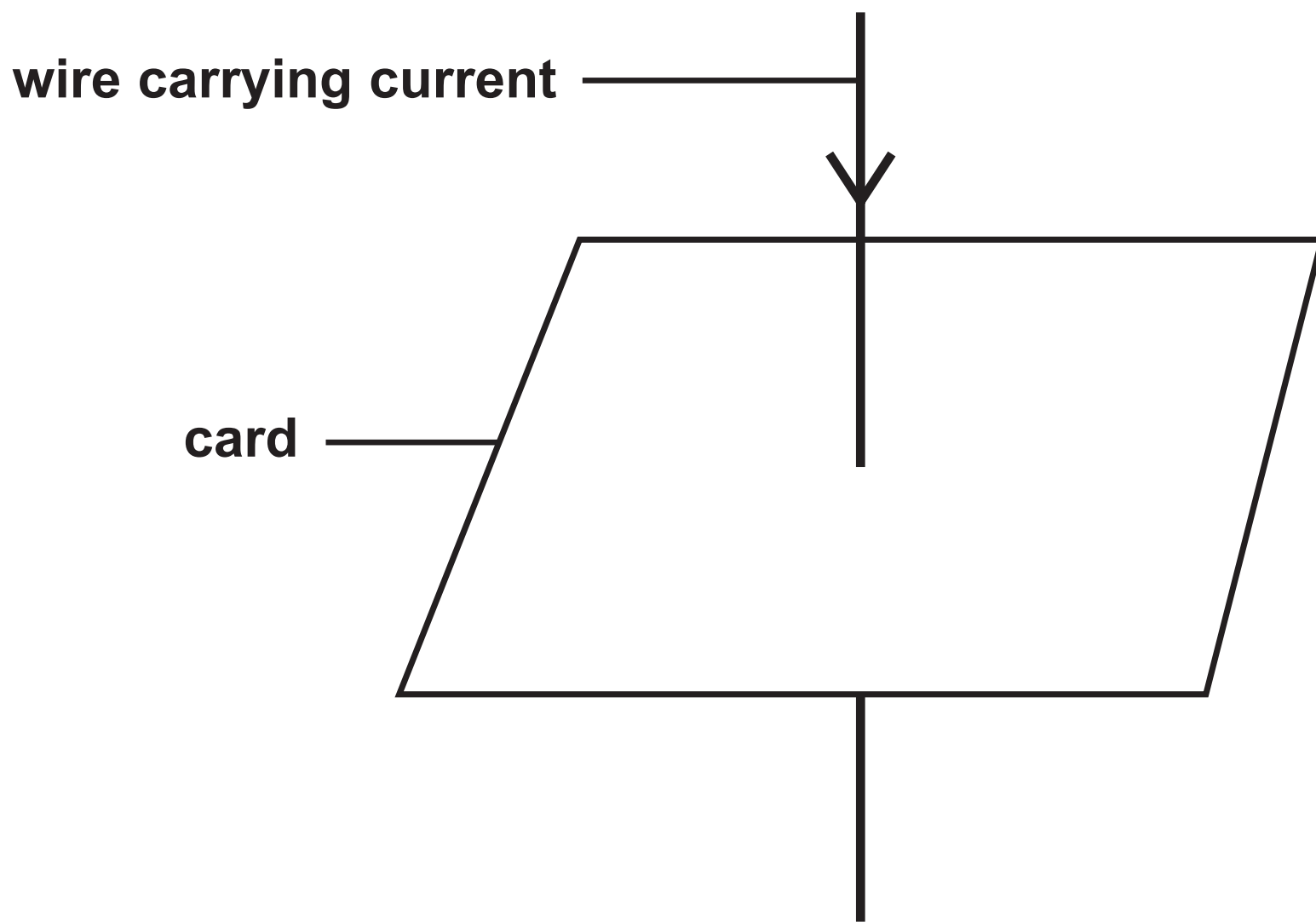
plotting compass needle

● permanent magnet



wooden ruler

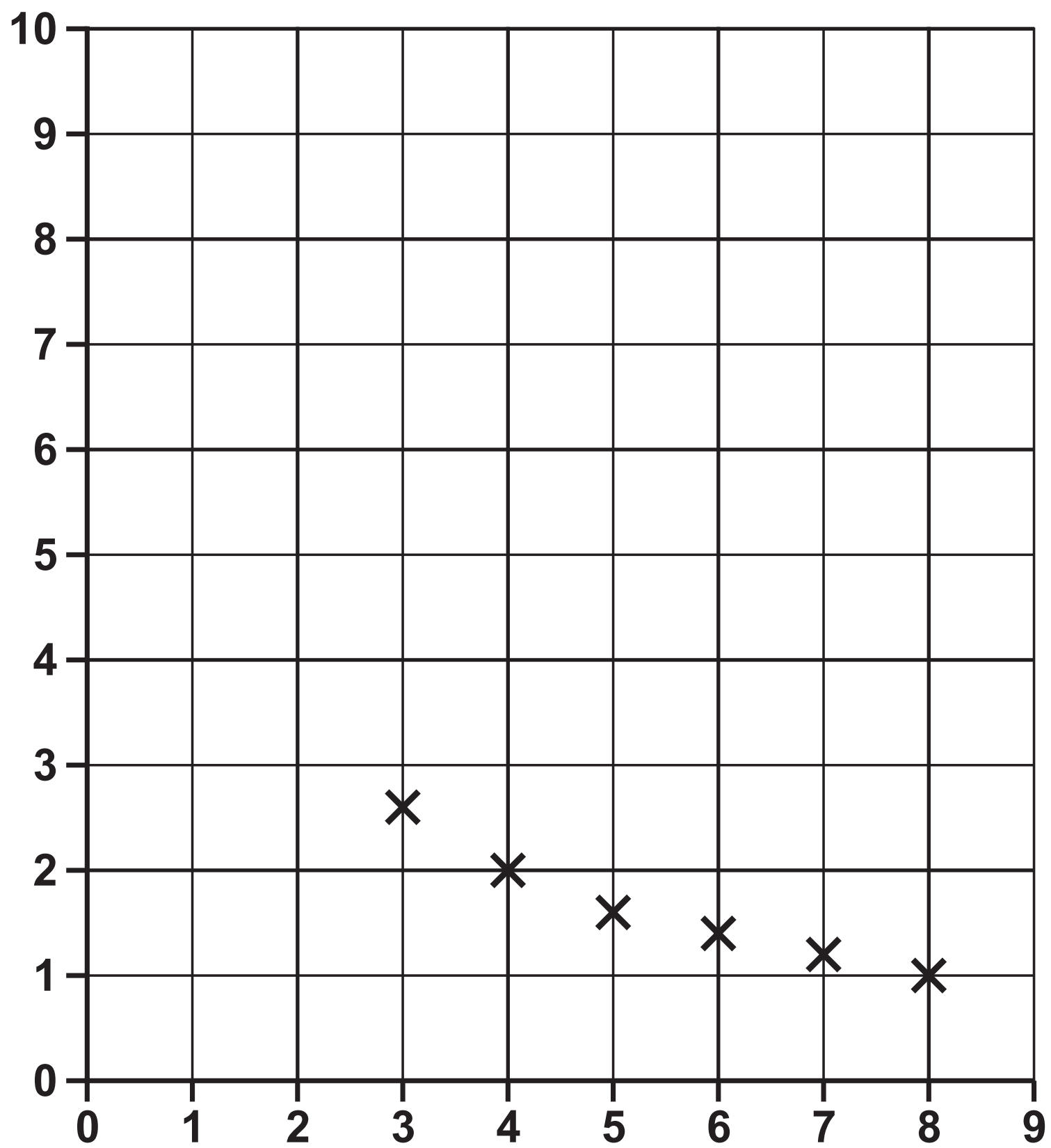
● temporary magnet

Question 2(b)**FIGURE 4**

Question 2(c)

FIGURE 5

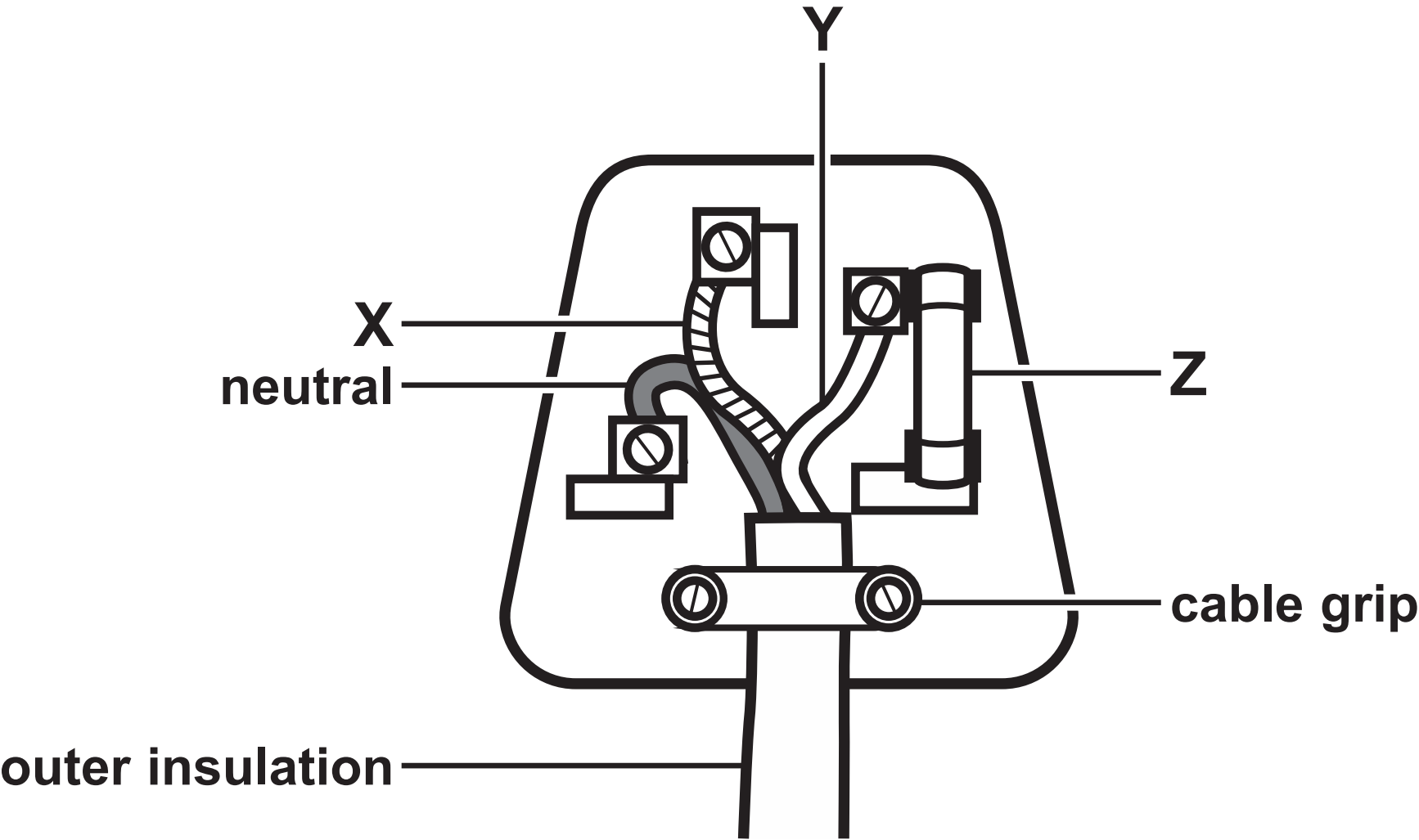
strength of magnetic field in mT



distance from wire in cm

Question 3(b)

FIGURE 7



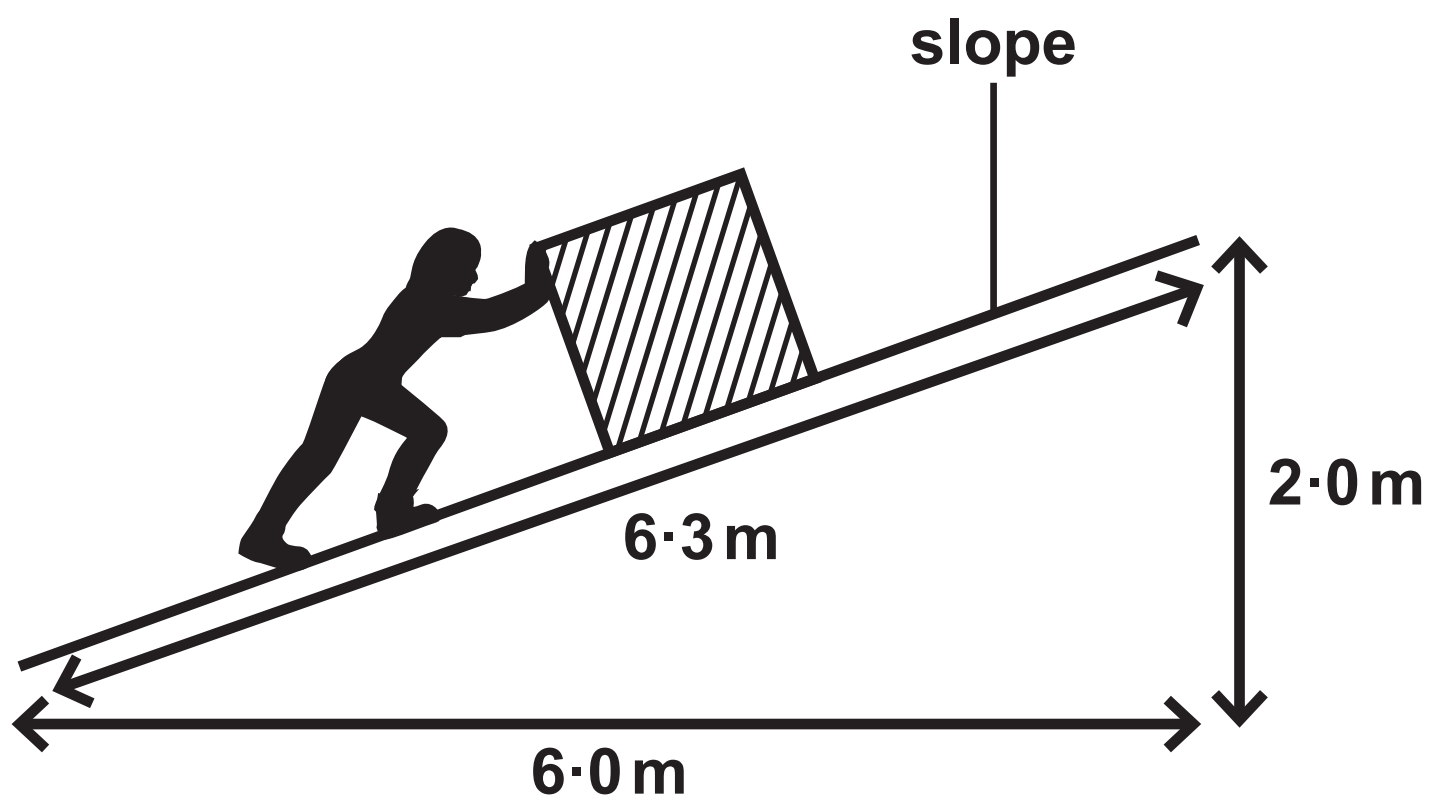
Question 4(a)

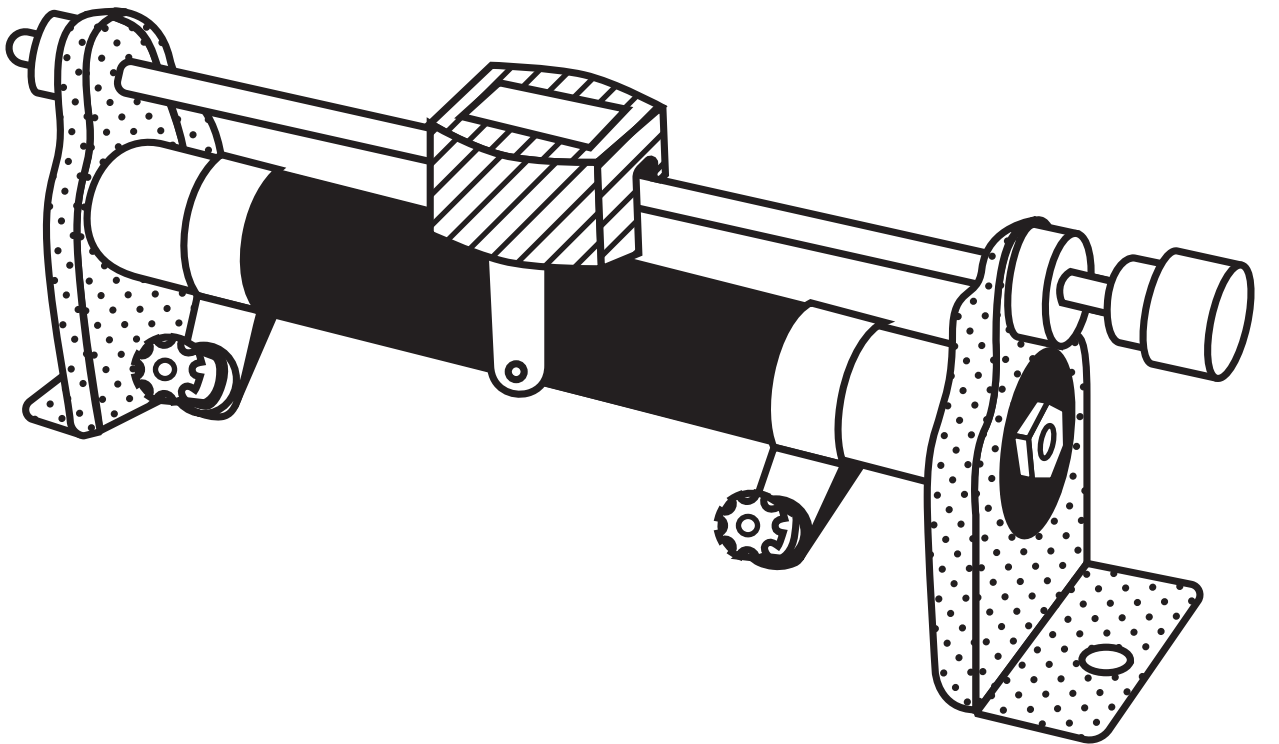
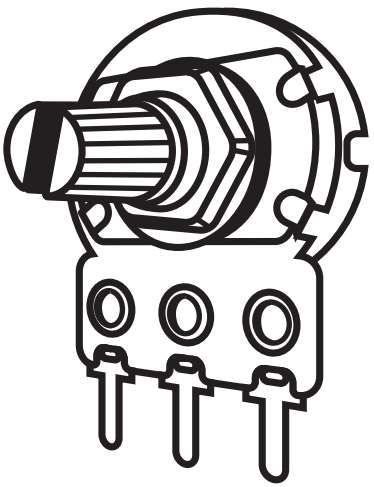
FIGURE 8



Question 4(b)

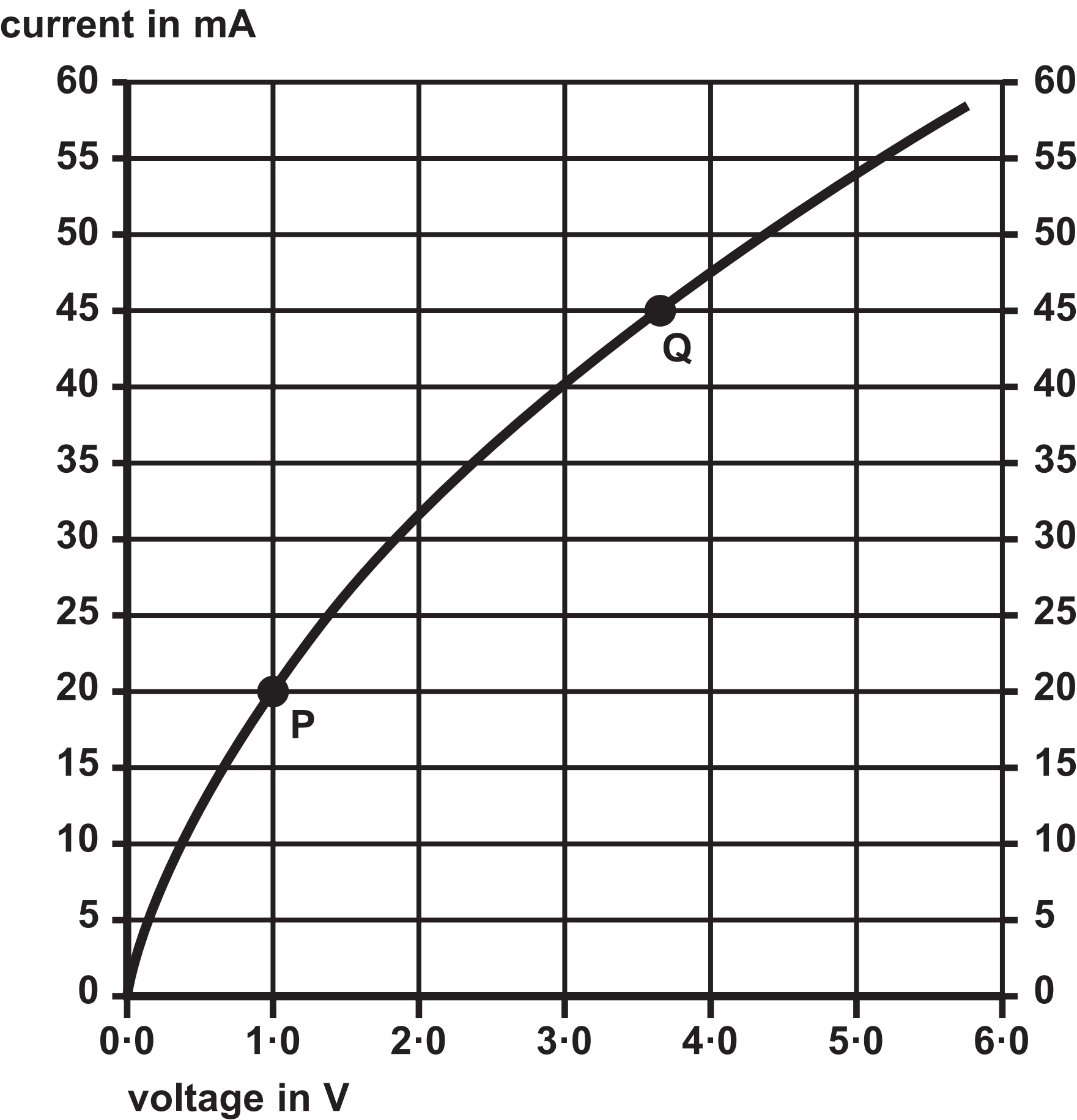
FIGURE 9



Question 5(a)**FIGURE 10**

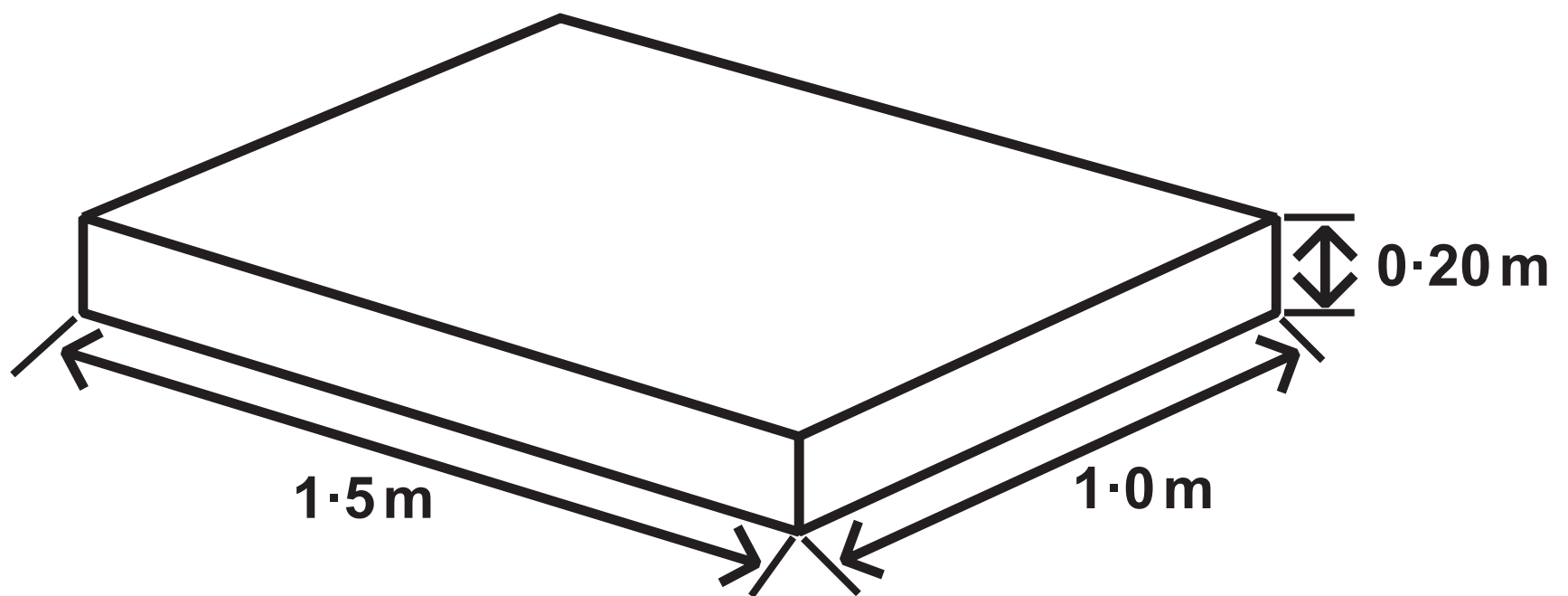
Question 5(c)

FIGURE 11



Question 6(b)

FIGURE 13



Question 6(c)

FIGURE 14

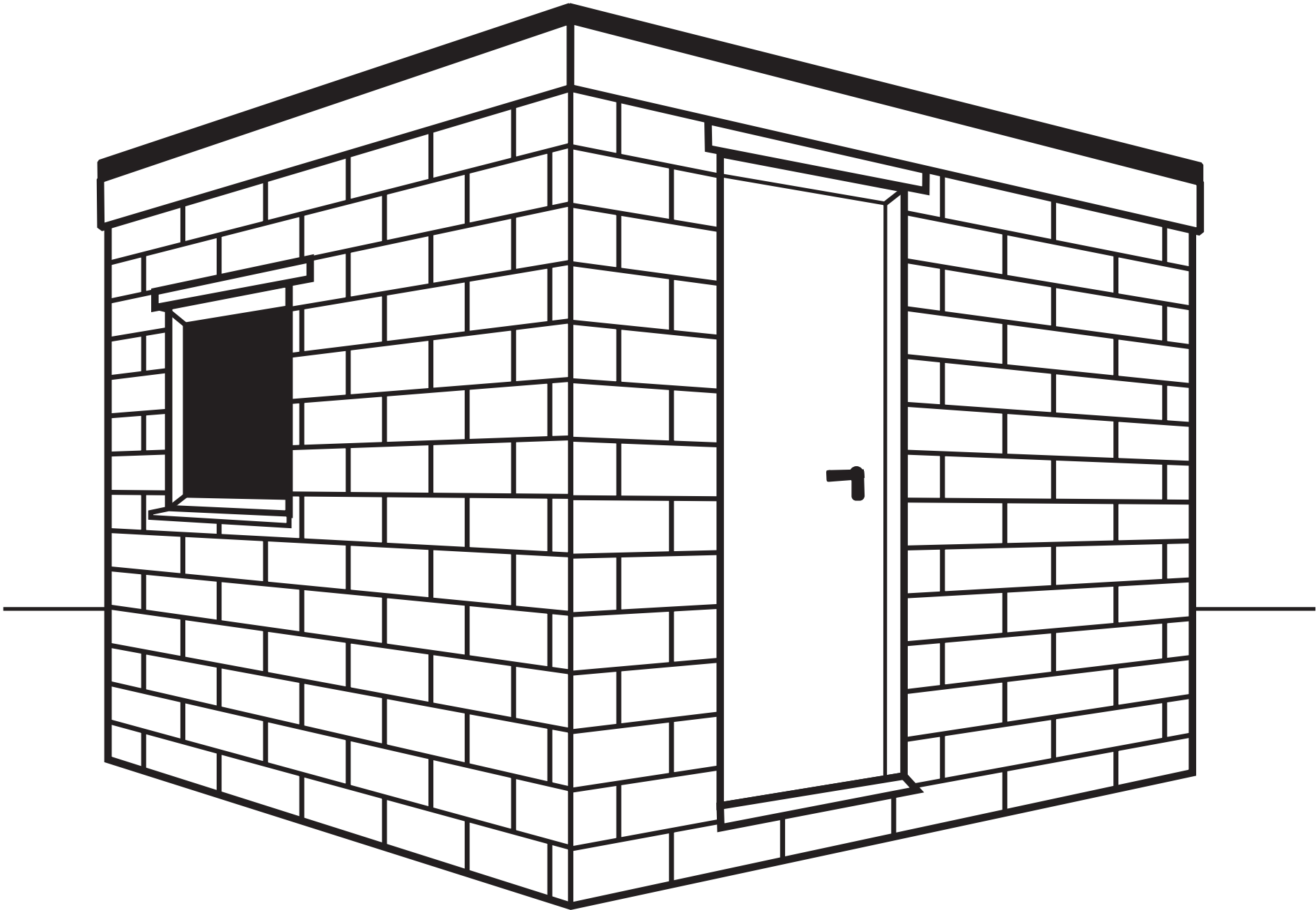
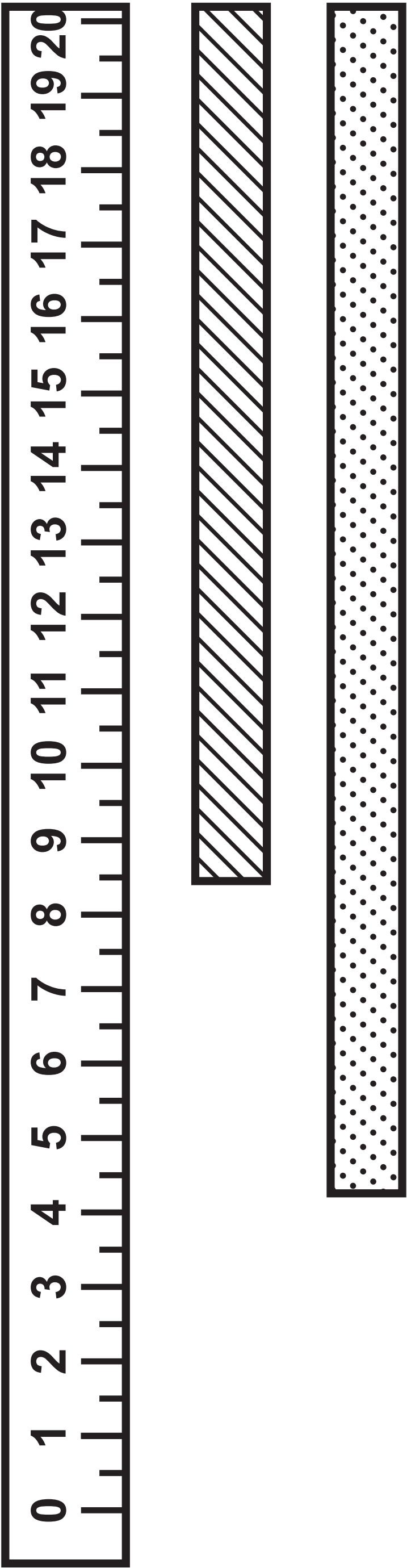


FIGURE 15

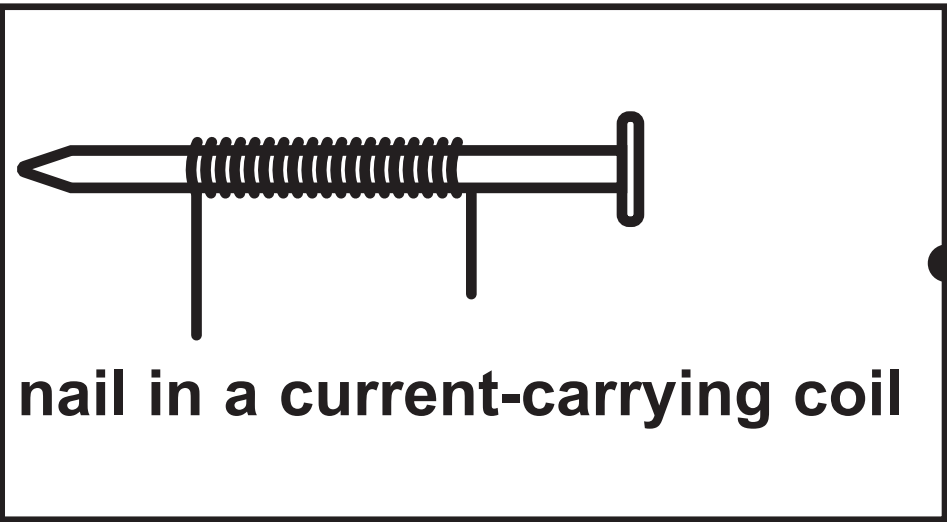


Question 2(a)

FIGURE 3

OBJECT

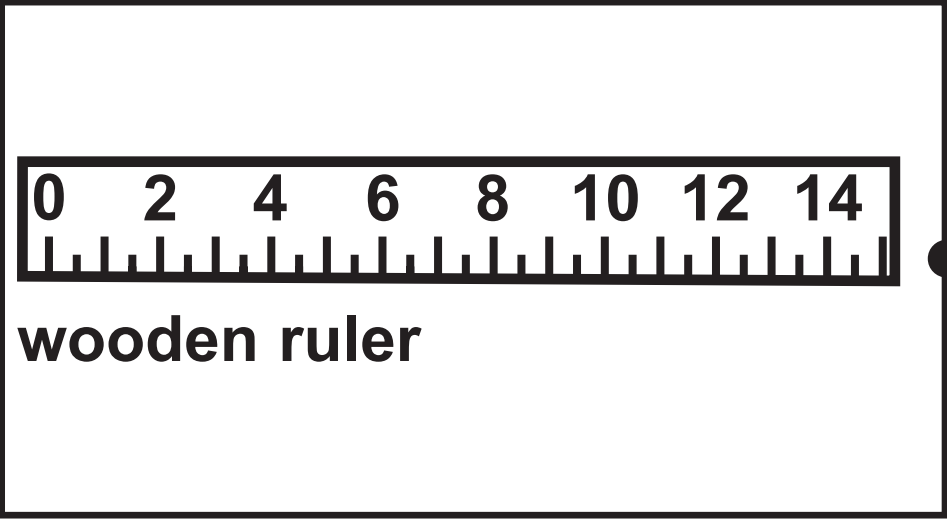
DESCRIPTION



● non-magnetic



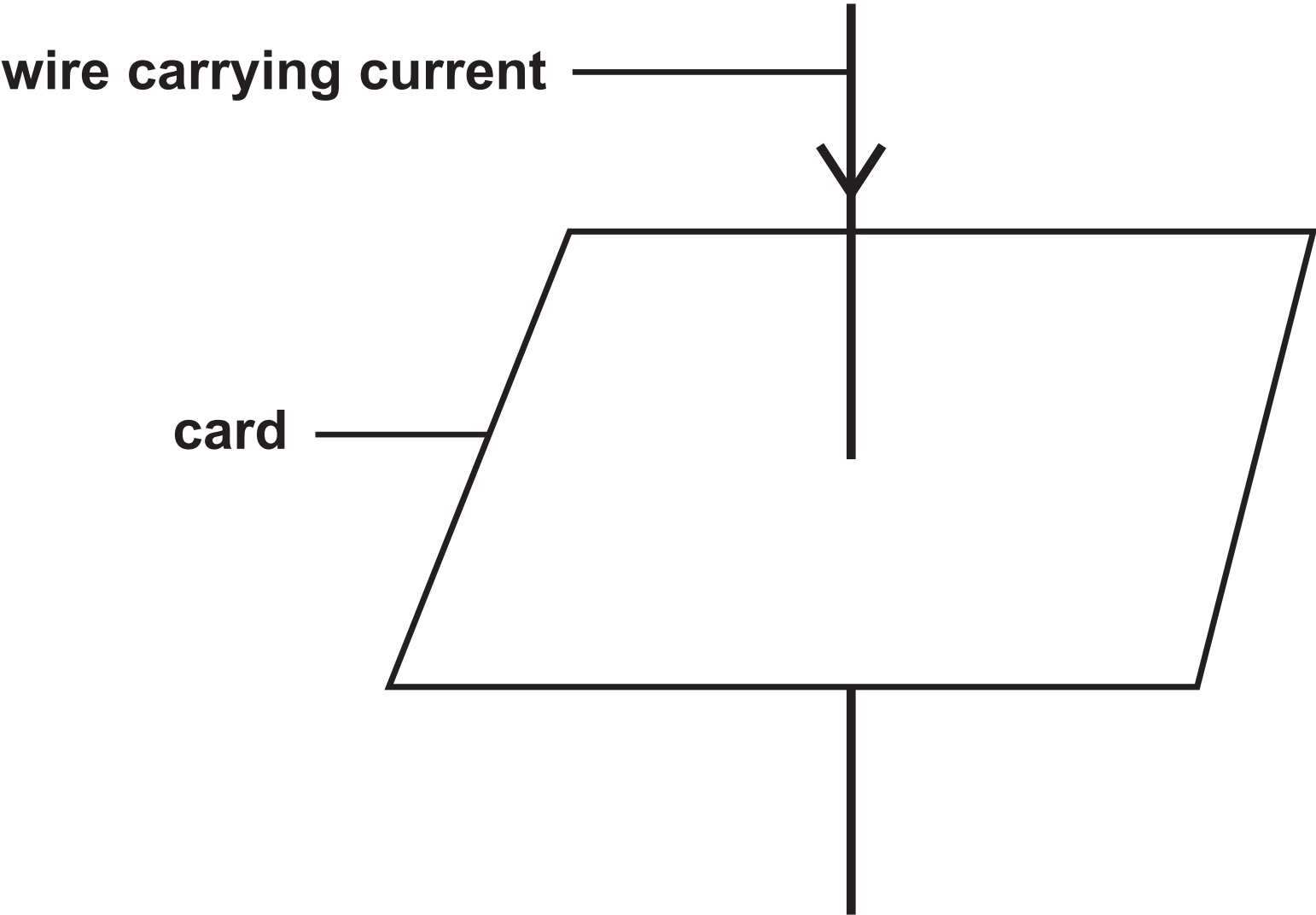
● permanent magnet



● temporary magnet

Question 2(b)

FIGURE 4



Question 2(c)

FIGURE 5

