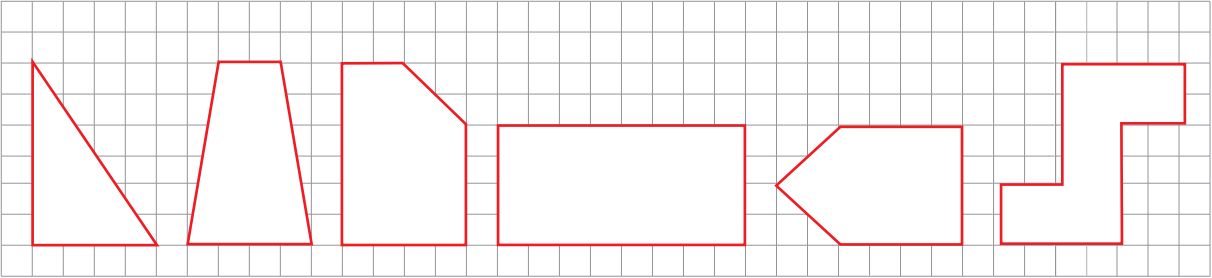


Chapter 11

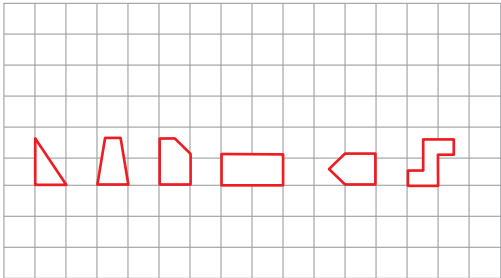
Exercise 11A

1

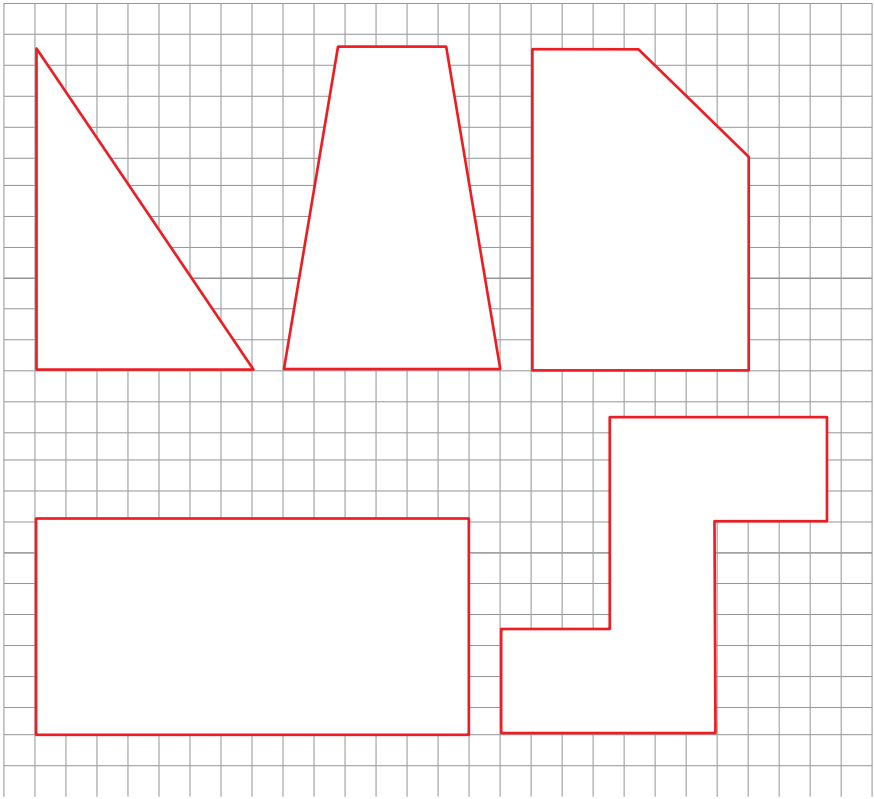
a



b

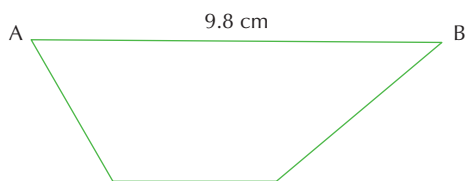


c

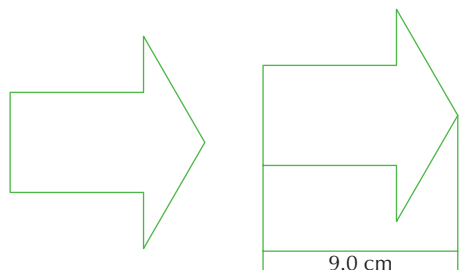


Exercise 11B

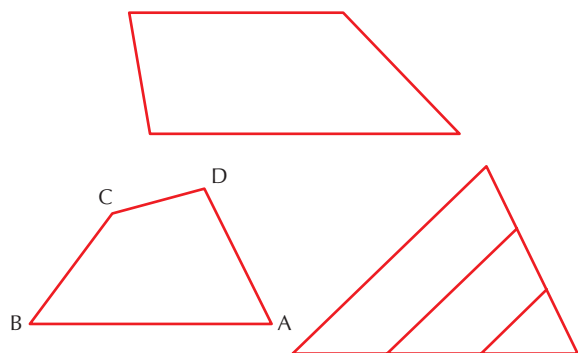
1



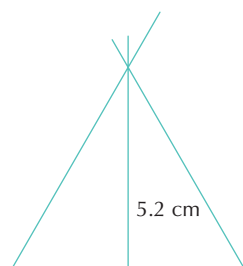
2



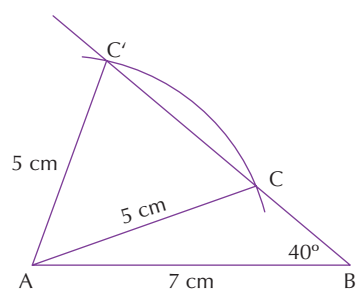
3



4



5



6 a 19 km

b 8.6 km

7 12 hrs 18 mins

8 Yes, approx 440 m so 29 minutes

9 a 48 cm by 75 cm

b 201 cm

c $3.1 m^2$

10 Assuming from cage to diametrically opposite cage, scale 1 cm: 40 m.

11 Poor quality diagram

a 1 cm: 100 m

b 535 m

12 a (i) 23 km

(ii) 66.5 km

b (i) 23 hours

(ii) 5pm on third day.

13 a (i) 190 km

(ii) 150 km

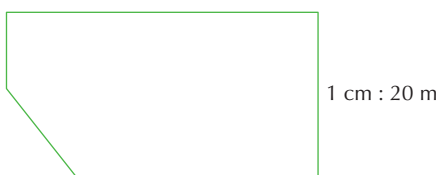
(iii) 150 km

b Yes. Journey = 574 km, range = 3600 km

c 3 min 30 sec approximately.

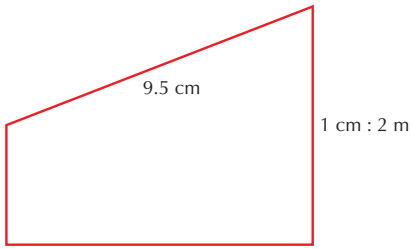
Exercise 11C

1 a



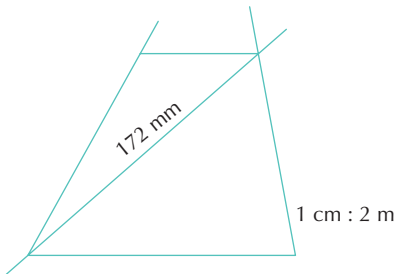
b 80 m, 610 m.

2 a



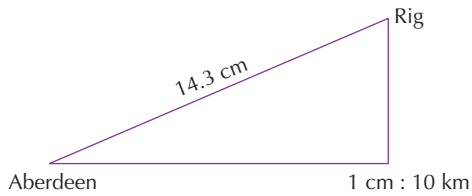
b 19 m

3 a



b 34.4 m

4 a

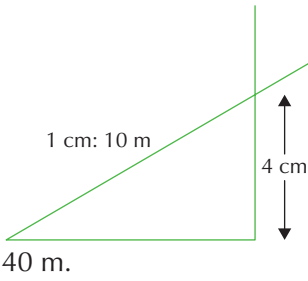


b as above

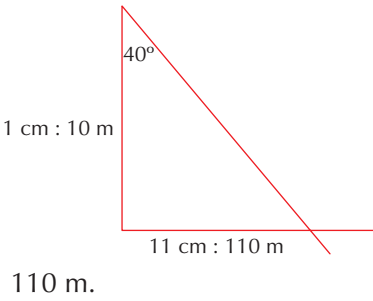
c 143 km

d 16:48

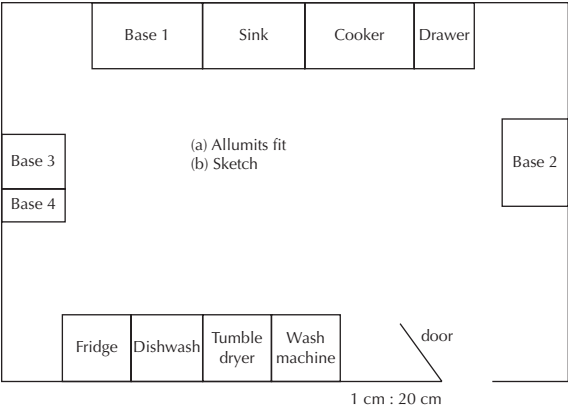
5



6



7 a,b,c



Activity
exercise for student