

Speed, Distance and Time *fluency*

ANSWERS



Find the distance. s is the speed, t the time (h hours, min minutes).

1 $s = 40 \text{ km/h}, t = 3 \text{ h}$ *120 km*

2 $s = 65 \text{ km/h}, t = 2 \text{ h}$ *130 km*

3 $s = 35 \text{ km/h}, t = 4 \text{ h}$ *140 km*

4 $s = 80 \text{ km/h}, t = 5 \text{ h}$ *400 km*

5 $s = 25 \text{ km/h}, t = 6 \text{ h}$ *150 km*

6 $s = 90 \text{ km/h}, t = 1 \text{ h } 30 \text{ min}$ *135 km*



Find the time. d is the distance, s the speed.

7 $d = 150 \text{ km}, s = 50 \text{ km/h}$ *3 h*

8 $d = 240 \text{ km}, s = 60 \text{ km/h}$ *4 h*

9 $d = 72 \text{ km}, s = 8 \text{ km/h}$ *9 h*

10 $d = 300 \text{ km}, s = 60 \text{ km/h}$ *5 h*

11 $d = 45 \text{ km}, s = 30 \text{ km/h}$ *1 h 30 min*

12 $d = 210 \text{ km}, s = 84 \text{ km/h}$ *2 h 30 min*



Find the speed. d is the distance, t the time.

13 $d = 120 \text{ km}, t = 2 \text{ h}$ *60 km/h*

14 $d = 210 \text{ km}, t = 3 \text{ h}$ *70 km/h*

15 $d = 45 \text{ km}, t = 30 \text{ min}$ *90 km/h*

16 $d = 250 \text{ km}, t = 5 \text{ h}$ *50 km/h*

17 $d = 36 \text{ km}, t = 1 \text{ h } 30 \text{ min}$ *24 km/h*

18 $d = 140 \text{ km}, t = 3 \text{ h } 30 \text{ min}$ *40 km/h*



Find the distance. s is the speed, t the time in minutes.

19 $s = 60 \text{ km/h}, t = 30 \text{ min}$ *30 km*

20 $s = 48 \text{ km/h}, t = 15 \text{ min}$ *12 km*

21 $s = 90 \text{ km/h}, t = 40 \text{ min}$ *60 km*

22 $s = 72 \text{ km/h}, t = 45 \text{ min}$ *54 km*

23 $s = 30 \text{ km/h}, t = 20 \text{ min}$ *10 km*

24 $s = 100 \text{ km/h}, t = 90 \text{ min}$ *150 km*



Find the speed in metres per second. d is the distance, t the time in seconds.

25 $d = 100 \text{ m}, t = 20 \text{ s}$ *5 m/s*

26 $d = 400 \text{ m}, t = 50 \text{ s}$ *8 m/s*

27 $d = 1500 \text{ m}, t = 250 \text{ s}$ *6 m/s*

28 $d = 60 \text{ m}, t = 8 \text{ s}$ *7.5 m/s*

29 $d = 200 \text{ m}, t = 16 \text{ s}$ *12.5 m/s*

30 $d = 5000 \text{ m}, t = 1250 \text{ s}$ *4 m/s*