

Advance Homework Answers 3

Maths Advanced 3

1) 15 (5 divided by $\frac{1}{3}$)

2) (72 min 1 hour

12 min or 4230 sec)

3) About 225 times

P(exactly 2 heads)

= $\frac{6}{10}$ or $\frac{3}{8}$

4) Approx 9:31pm

Answer assumes that hour hand is fixed

5)

Bounce	Height
1st	32 ft
2nd	16 ft
3rd	8 ft
4th	4 ft
5th	2 ft
6th	1 ft

6) only cats 48

only dogs 40

dogs and cats 40

no dogs and cats 32

7) area $\times 2$ and area $\times 4$

8) £97.75

9) Circle garden need

about 1.8 m more fencing

10) $x = 8$ $y = 6$

Perimeter = 76

11) picnic ended at 3:10pm

They spent 2h 43 min

more playing than eating

12) 18cm

13) 228 squared centimetres

perimeter is 80 centimetres

14) Trish = $A + 5$,

Sara = $2(A + 5)$

Alex = $2A = 3$

15) 1.75

16) 23 students and 16

adults

17) 3 units

Do It Safely,

1. Do different activities, get exercise regularly, and do activities that you enjoy to get the most out of physical activity.
2. You should warm up before doing an activity so your muscles can get moving before you work them hard. You would not need to warm up for an easy walk because the walk is like warming up. You would not be working your muscles hard in an easy walk.
3. You should stop so you do not hurt yourself more. If you do not stop, the injury might get worse.
4. Choose the right equipment for the activity you are doing. Equipment can be helmets, goggles, face guards, mouth guards, and footwear. Warm up before doing exercise or an activity to give your muscles a chance to get moving. Do not do an activity if you hurt yourself or are sick. Wait until you are better. Follow the rules because they will protect you.
5. Wearing the right equipment will help keep you safe when you do an activity or play a sport. When you ride a bicycle, wear a bicycle helmet.