

Advanced Homework 2 Answers

- 1) $12x + 6$
 2) Best estimate
 4 miles x 5.5
 = 22 trips
 3) 7: 45 am
 4) P (sum > 7)
 is $1/6$
 The sum of 5 is more likely than any other sum
 $P(\text{sum} = 5) = 1/6$
 5) 12 inch 540 degrees
 (no of sides - 2) x 180
 6) Two possibilities
 64, 58, 58 or
 64, 64 52
 7) Dividing each ar into fourths makes a total of 9 fourths. Each friend can have $3/4$
 8) $P(\text{small}) = 1/16$
 $p(\text{largest}) = 1/16$
 $P(\text{sum of 9}) = 1/4$
 9) 6 cds ost £12.75
 3 costs £11.95
 10) $10x + 23$
 11) 3hr 45 min
 £1.70
 12) $4h = 42$
 $H = £10.50$
 13) flour 360
 eggs 6
 sugar 9tbsp
 buuter 225
 14) $4a + 4o = 120$
 $1a + 10 = 30p$
 15) 60 dogs
 16) $640 + 880 + 444 = 672$
 = £2636
 17) 09:42

HyperSoar

Jet

1. c
2. b
3. b
4. c

Vocab

1. in a secretive way
2. strongly wished for
3. vein of mineral ore
4. hold back; adversely...
5. necessities
6. stolen goods
7. vulnerable to attack
8. look alike; copy
9. newborn
10. destroy
11. members of cat family
12. in a positive way

Build up that body

1. When your muscles push and pull against your bones, it helps make your bones stronger.
2. When you do cardiovascular activities, your heart pumps faster. Anything that makes your heart beat faster and gets you breathing faster will help your heart improve.
3. If you are flexible you can do things such as stretching to reach something or bending down to pick up something. You can move your body in different ways easily. You can do exercises or activities more easily. If you were not very flexible, you could not do many things easily. You might hurt yourself by stretching or bending.
4. Some activities are best for improving different components. Push-ups will help muscle strength. Tennis will help muscle endurance. Gymnastics will help flexibility. Swimming will help cardiovascular fitness. Some activities such as running will help more than one component of physical fitness.
5. Cardiovascular fitness uses these terms. Cardiovascular fitness is about how well your heart pumps blood and oxygen through blood vessels to all parts of the body.
6. The main idea is that being physically fit is good for you. The author expands on this by explaining four components of physical fitness and how each of these helps your body.