

Maths answers

LKS2 - Sports – w/c 22.6.20

a	b	c	d	e
20p	30p	40p	50p	60p
f	g	h	i	j
20p	30p	40p	50p	60p
k	l	m	n	o
20p	30p	40p	50p	60p
p	q	r	s	t
20p	30p	40p	50p	60p
u	v	w	x	y
20p	30p	40p	50p	60p
z				
20p				

Now have a go at finding the cost of having these names engraved onto a medal:

- a) Shuaib – $50+40+20+20+50+30=210p = \text{£}2.10$
- b) John – $60+60+40+50 = 210p = \text{£}2.10$
- c) Mahrosh – $40+20+40+40+60+50+40= 290p = \text{£}2.90$
- d) Martha – $40+20+40+60+40+20= 220p = \text{£}2.20$
- e) Joshua – $60+60+50+40+20+20= 250p = \text{£}2.50$
- f) Eric – $60+40+50+40= 190p = \text{£}1.90$
- g) Alyssa – $20+30+60+50+50+20= 230p = \text{£}2.30$
- h) Takara – $60+20+20+20+40+20 = 180p = \text{£}1.80$
- i) Spike – $50+20+50+20+60 = 200p = \text{£}2$
- j) Hayden – $40+20+60+50+60+50=280p = \text{£}2.80$
- k) Aroush – $20+40+60+20+50+40 = 230p = \text{£}2.30$
- l) Milo – $40+50+30+60=180p = \text{£}1.80$

If your name is in this list, then choose another name from someone in your class.



£2.75



£3.45



£3.95



£2.45

I bought 2 bronze
and 1 silver medal.
What was the cost?

$$2.75 \times 2 / 2.75 + 2.75 = \text{£}5.50$$

$$5.50 + 3.45 = \text{£}8.95$$

$$\text{Answer} = \text{£}8.95$$



Bronze

£2.75



Silver

£3.45



Gold

£3.95



Platinum

£2.45

I bought some medals.
Two medals were silver
and one was gold. The
total cost was £13.60.
What else did I buy?

$$2 \text{ silver} = 3.45 \times 2 = 6.90$$

$$6.90 + 3.95 \text{ (gold)} = £10.85$$

$$13.60 - 10.85 = £2.75$$

You also bought a bronze medal



Bronze

£2.75



Silver

£3.45



Gold

£3.95



Platinum

£2.45

I spent £13.80.
What did I buy?
(Show your
working out)

$$3.45 \times 4 = £13.80$$

4 silver medals



Bronze

£2.75



Silver

£3.45



Gold

£3.95



Platinum

£2.45

I bought two medals. What did I spend?
(Find all possibilities)

B + B	$2.75 + 2.75 =$	£5.50
B + S	$2.75 + 3.45 =$	£6.20
B + G	$2.75 + 3.95 =$	£6.70
B + P	$2.75 + 2.45 =$	£5.20
S + S	$3.45 + 3.45 =$	£6.90
S + G	$3.45 + 3.95 =$	£7.40
S + P	$3.45 + 2.45 =$	£5.90
G + G	$3.95 + 3.95 =$	£7.90
G + P	$3.95 + 2.45 =$	£6.40
P + P	$2.45 + 2.45 =$	£4.90



£2.75

Bronze



£3.45

Silver



£3.95

Gold



£2.45

Platinum

How much more is the gold medal than the bronze medal? Show your working out.

$$3.95 - 2.75 = \text{£}1.20$$

I have 6 £2 coins. Is it enough to buy one of each medal? Prove it.

$$6 \times \text{£}2 = \text{£}12$$

$$2.75 + 3.45 + 3.95 + 2.45 = 12.60$$

No, the total amount is £12.60 and you only have £12.

What is the change from £10 if I buy the cheapest and most expensive medal?

$$2.45 + 3.95 = \text{£}6.40$$

$$10.00 - 6.40 = \text{£}3.60$$

£3.60 change

What is the smallest number of coins I could use to pay for the silver and bronze medal? Show any working out.

$$3.45 + 2.75 = \text{£}6.20$$

Three £2 coins and one 20 pence

I buy 10 of each medal. What is the cost?

$$2.75 \times 10 = 27.50$$

$$3.45 \times 10 = 34.50$$

$$3.95 \times 10 = 39.50$$

$$2.45 \times 10 = 24.50$$

$$27.50 + 34.50 + 39.50 + 24.50 = \text{£}126 \text{ total cost}$$

I need 12 medals for a competition.

My budget is £40. What could I buy? (Find as many possibilities as you can.)

Please show your working out and we will mark this answer for you.



Answers

1	Newcastle United	14:00	Sheffield United	Finishes – 15:45 = 3:45pm
2	Aston Villa	16:15	Chelsea	Finishes – 19:00 = 7pm
3	Everton	19:00	Liverpool	Finishes – 20:45 = 8:45pm

4	Watford	12:30	Leicester City	Finishes – 14:15 = 2:15pm
5	Brighton & Hove Albion	15:00	Arsenal	Finishes – 16:45 = 4:45pm
6	West Ham United	17:30	Wolverhampton Wanderers	Finishes – 19:15 = 7:15pm
7	AFC Bournemouth	19:45	Crystal Palace	Finishes – 21:15 = 9:15pm



Answers to sporting celebrity birth dates

Marcus Rashford

SOCCER PLAYER

#2823
most popular

★ Boost





 BIRTHDAY	October 31, 1997
 BIRTHPLACE	Manchester, England
 AGE	22 years old
 BIRTH SIGN	Scorpio

Eden Hazard

SOCCER PLAYER

#2638
most popular

★ Boost





 BIRTHDAY	January 7, 1991
 BIRTHPLACE	La Louviere, Belgium
 AGE	29 years old
 BIRTH SIGN	Capricorn

Neymar

SOCCER PLAYER

#332
most popular

★ Boost





 BIRTHDAY	February 5, 1992
 BIRTHPLACE	Sao Paulo, Brazil
 AGE	28 years old
 BIRTH SIGN	Aquarius

Michael Jordan

BASKETBALL PLAYER

#143
most popular

★ Boost

 BIRTHDAY	February 17, 1963
 BIRTHPLACE	Brooklyn, NY
 AGE	57 years old
 BIRTH SIGN	Aquarius



Answers to sporting celebrity birth dates

Paula Radcliffe

RUNNER

#50847

most popular

★ Boost

 BIRTHDAY December 17, 1973
 BIRTHPLACE England
 AGE 46 years old
 BIRTH SIGN Sagittarius





Alex Scott

SOCCER PLAYER

#26620

most popular

★ Boost

 BIRTHDAY October 14, 1984
 BIRTHPLACE London, England
 AGE 35 years old
 BIRTH SIGN Libra





Maria Sharapova

TENNIS PLAYER

#6682

most popular

★ Boost

 BIRTHDAY April 19, 1987
 BIRTHPLACE Nyagan, Russia
 AGE 33 years old
 BIRTH SIGN Aries





Sanya Richards

RUNNER

#45939

most popular

★ Boost

 BIRTHDAY February 26, 1985
 BIRTHPLACE Kingston, Jamaica
 AGE 35 years old
 BIRTH SIGN Pisces