

Functional Skills

Level 1

Topic - The Four Rules of Number

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Questions 1 & 2 are about a dancing competition.

1. At the competition there is one steward for every 50 ticket holders. There are 950 ticket holders.

How many stewards are there at the competition?

- A 15
- B 17
- C 19
- D 21

2. The organisers have 240 security guards.
The security guards are each paid £8 an hour.
They each work 6 hours.

The total amount paid for the security guards is

- A £1440
- B £1920
- C £3360
- D £11 520

Questions 3 to 5 are about a post office.

3. The post office has a special offer.



A customer buys two packs of the stationery sets.

How much cheaper is it to buy two packs on special offer than two packs at the normal price?

- A £0.70
- B £1.40
- C £1.59
- D £2.99

4. A notice in the post office window shows a week's bargains.



A customer buys a box of notelets, a set of high lighters and two packs of envelopes.

How much does the customer pay in total?

- A £7.37
- B £8.48
- C £9.47
- D £10.47

5. A pen is normally £1.10.
There is '5p off' each pen during the sale.
A customer buys 10 pens.
How much does she pay?

- A £1.05
- B £10.05
- C £10.50
- D £15.00

6. It costs £27.50 for a couple to hire a small car on a daily basis.
They hire the car for 5 days on a daily basis.
How much does it cost to hire the car for 5 days?

- A £105.50
- B £108.50
- C £135.50
- D £137.50

- 7 A local store has an offer on shampoo.

Today's Bargains
SHAMPOO
Normal price £1.90
Buy 2 bottles and save 50p off total cost

A customer buys two bottles of shampoo at this special offer price. How much do two bottles cost?

- A £1.00
- B £2.80
- C £3.30
- D £3.80

- 8 A person buys three tickets for a play at £18.60 each and one ticket at €9.30
How much does this cost in total?

- A £46.50
- B £55.80
- C £65.10
- D £83.70

- 9 A box of floor tiles costs £28.50
What is the cost of six boxes?

- A £128.00
- B £168.00
- C £168.30
- b £171.00

- 10 A woman is a self employed gardener.
She charges £7.60 an hour for her work.
How much does she charge for eight hours' work?

- A £56.60
- B £56.80
- C £58.80
- D £60.80

Questions 11 to 13 are about a motor racing event.

- 11 A group of motor racing enthusiasts hire two large tents and a medium tent for the weekend.

Hire Charges for weekend	
Small Tent	£80
Medium Tent	£120
Large Tent	£160

How much do they pay in total?

- A £320
- B £440
- C £560
- B £720

- 12 A visitor to a race event buys five race programmes.
It costs £12.25 altogether.
How much does one programme cost?

- A £2.05
- B £2.25
- C £2.40
- D £2.45

- 13 A café assistant earns £144.60 for the motor race weekend.
She spends £76.90 of this on food and accommodation and saves the rest.
How much does she save that weekend?

- A £67.70
- B £68.30
- C £68.70
- D £77.70

- 14 A shop has a special offer on accessories.
A sign reads

Richard buys

Videotape	£2.50
Screen cleaner	£3.90
Dust bags	£3.50

How much does he pay in total?

- A £6.00
- B £6.40
- C £7.40
- D £9.90

- 15 These are the ticket prices for a travelling show.

TICKET PRICES	
Adults	£8.50
Students	£6.50
Children (up to 16)	£4.75

Three adults buy tickets for the show.
What is the total cost of their tickets?

- A £8.50
- B £19.50
- C £19.75
- D £25.50

16 A publisher estimates that he will sell 8000 copies in the next six-month period. He wants to receive at least £12 000 in total from sales of these magazines. What is the minimum price that he must charge for each magazine to receive £12 000?

- A £0.66
- B £0.75
- C £1.20
- D £1.50

17 Going shopping, a man buys the following items

A loaf of bread for 89p
A packet of cereal at £1.25
3 yoghurts at 99p for three
A pack of bacon at £3.99

How much do the items cost altogether?

- A £4.82
- B £6.82
- C £6.98
- D £7.12

18 A pub manager pays staff £5.60 an hour. How much does he pay for 14 hours' work at £5.60 an hour?

- A £78.44
- B £78.40
- C £76.40
- D £70.84

- 19 This is the price list for the fish and chip shop.

Price list			
Haddock	£1.85	Chips	85p
Plaice	£2.10	Peas	50p
Cod	£1.70	Beans	45p
Sausage	£1.50	Curry sauce	40p
Pie	£1.65	Gravy	30p

Three people each have haddock and chips. How much will this cost in total?

- A £2.70
 B £5.55
 C £7.80
 D £8.10
- 20 A builder buys fourteen roofing sheets.
 Each sheet costs £8.50
 What is the total cost of the sheets?

- A £42.50
 B £82.50
 C £117.00
 D £119.00

- 21 The total cost of building a garage is the cost of materials, labour and VAT.

Materials cost	£2 497.88
Labour cost	£1 245.00
VAT	£655.00

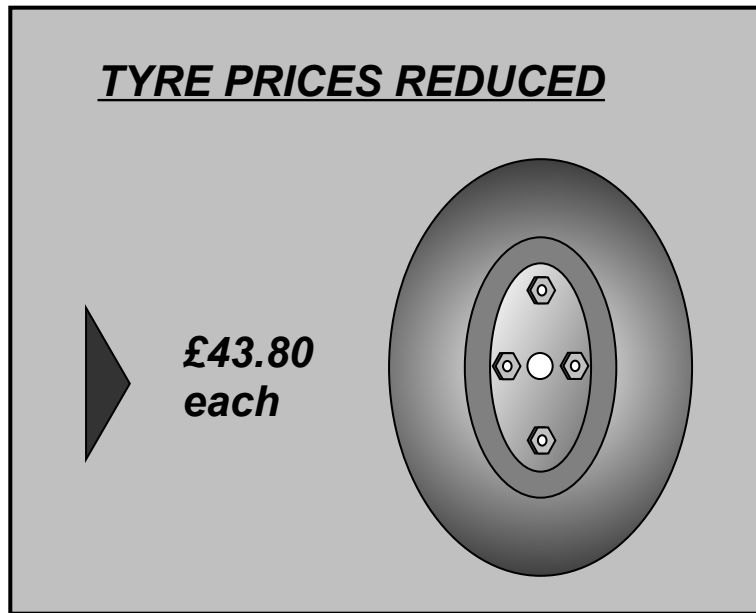
What is the total cost of the garage?

- A £3287.88
 B £3387.88
 C £4387.88
 D £4397.88

- 22 A salesman says a car travels 296 miles on a full tank of fuel.
The tank holds 8 gallons of fuel.
How many miles should the car travel on 1 gallon of fuel?

- A 35
- B 37
- C 38
- D 39

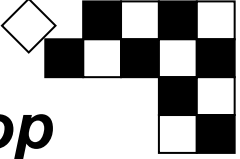
- 23 A car owner buys three tyres.



The total price for three tyres is

- A £121.40
- B £129.40
- C £131.40
- D £131.43

- 24 A tiler buys tiles and tile adhesive.



Tile Shop
1 Box of tiles
£12.98

Tile adhesive
(10 litre tin)
£6.85

How much does he pay in total for five boxes of tiles and two tins of tile adhesive?

- A £64.90
- B £71.75
- C £78.60
- D £78.83

- 25 A jobseeker earns £6.56 an hour in his current job.
How much does he earn for a 40-hour week?

- A £240.40
- B £262.40
- C £268.96
- D £284.00

- 26 She has her car seat repaired.
The cost without VAT is £67.84
The cost with VAT is £79.71
How much VAT does she pay?

- A £11.16
- B £11.87
- C £12.07
- D £12.13

- 27 A carer buys a bottle of cough medicine costing £2.68 and pays with a £5 note.
His change is
- A £2.32
B £2.42
C £3.32
D £3.68
- 28 The bottle holds 150 millilitres of cough medicine.
The instructions are

Cough Medicine

Take two 5ml spoonfuls

3 times a day

How many days will the bottle of cough medicine last?

- A 5
B 10
C 15
D 30
- 29 The toiletries department of a shop has a different offer.

Special Offer

**Buy 3 items for the price of 2
The cheapest item is free.**

Sarah buys three items

Perfume £15.95, Moisturiser £4.99, Shampoo £3.75

How much do these items cost at the special offer price?

- A £8.74
B £19.99
C £20.94
D £24.69

- 30 An assistant at a perfume counter keeps a record of the sales of three perfumes.

The table shows the number of bottles of each perfume sold.

Number of bottles of each perfume sold

Day	Perfume X	Perfume Y	Perfume Z
Mon	3	8	5
Tues	4	7	6
Wed	2	10	3
Thurs	3	11	7
Fri	3	8	5
Sat	8	12	10

How many bottles of **Perfume Y** were sold in total that week?

- A 23
- B 36
- C 47
- D 56

- 31 A plumber expects to get a contract for one out of every three jobs he estimates.

How many contracts does he expect to get from 24 estimates?

- A 6
- B 8
- C 9
- D 12