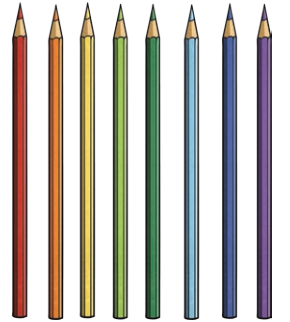


Multi-Step Division Word Problems Challenge Cards

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Multi-Step Division Word Problems Challenge Cards

1. A teacher has 7 packs of 12 pencils and 2 packs of 54 pencils. The teacher shares these pencils out into 8 pencils pots. How many pencils will be in each pot?



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2. A child has a collection of football cards. They are to be kept in a folder with 9 cards on each page. The child has 28 complete sets of 12 cards, and another 61 cards. How many pages will be needed to store the cards.



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3. A printer can print 14 birthday cards on a sheet of card. The printer needs to print the following:

- 28 packs of 4 cards
- 18 packs of 10 cards

How many sheets of cards will be needed to print these cards?

Multi-Step Division Word Problems Challenge Cards

4. A ten pin bowling alley buys 6 packs of new pins, with each pack containing 8 pins. All the pins in the alley are collected from the lanes and counted. Of the 267 pins, 29 are thrown away due to damage. The remaining pins and new pins are combined and shared equally among the 18 lanes, with any remaining pins kept as spares. How many pins will be allocated to each lane?

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5. A local charity has 3 fundraising events. The events raise £176, £81 and £309 each. After costs of £92 are deducted, the money is shared equally among 3 local children's group. How much does each group receive?



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6. At a dancing school, there are 2 classes. The younger class has 65 pupils. The older class has 41 pupils. For a dance, there will be eight equal groups of dancers. How many dancers will there be in each group?

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7. Daffodils are arranged into bunches of 12 flowers. A florist buys 9 crates, each with 150 flowers, from one supplier and 4 crates, each with 115 flowers from another. How many bunches of 12 daffodils can be made?



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8. A machine produces a toy car every 16 minutes. The machine is switched on at 8.30am each morning and switched off as soon as it finishes a car after 5.15pm. How many cars are produced each day?



Answers

1. 24 pencils
2. 45 pages
3. 21 sheets
4. 15 pins
5. £158
6. 13 dancers
7. 150 bunches
8. 33 cars (8.30am to 5.15pm is 525 minutes. $525 \div 16 = 32 \text{ r}13$. The 33rd car will be finished at 5.18pm.)