

UNIT 2 *Basic Operations*

Activities

Activities

- 2.1 Secret Letter
- 2.2 Division Networks
- 2.3 Chip Shop Supper
- 2.4 Chinese Choices
- 2.4A Chinese Takeaway Menu
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ACTIVITY 2.1

Secret Letter

In the multiplication grid below, shade the boxes with incorrect answers. The boxes you shade will form a letter. What letter is it?

×	5	4	0	9	2	6	1	7	3	8
3	15	12	0	21	5	81	1	21	9	24
7	35	28	7	63	14	42	7	14	21	56
6	30	24	6	54	12	36	6	42	18	48
1	5	4	1	9	2	6	1	7	3	8
0	0	0	0	9	2	6	1	0	0	0
5	25	20	0	45	10	30	5	30	15	40
2	10	8	0	18	4	12	2	9	6	16
8	40	32	0	72	16	48	8	50	24	64
4	20	16	4	36	8	24	5	28	12	32
9	45	36	0	18	16	45	9	63	27	72

Extension

Design another multiplication table with some incorrect answers so that their boxes make up a letter.

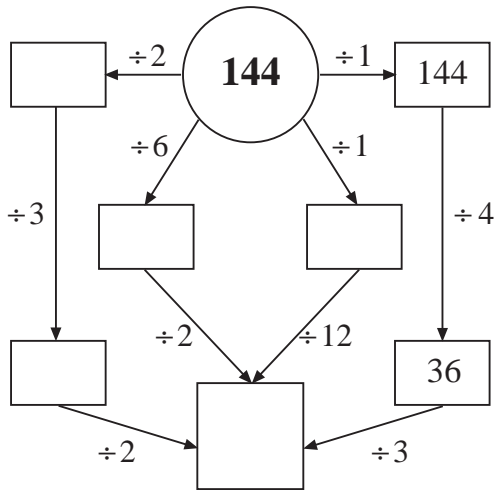
ACTIVITY 2.2

Division Networks

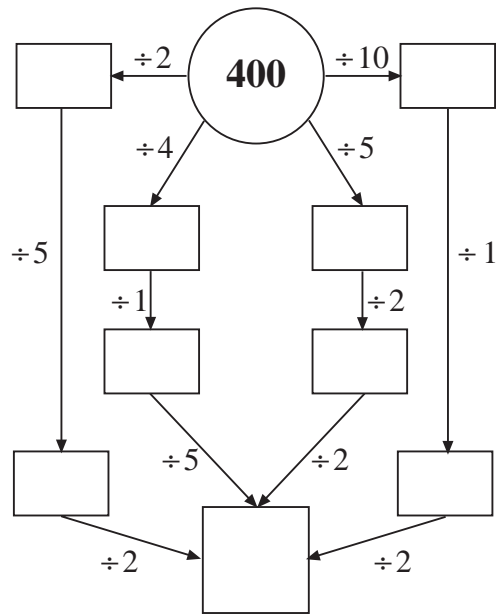
Without using a calculator, complete each diagram as quickly as possible by filling in each box with the correct number.

The first part of question 1 has been done for you.

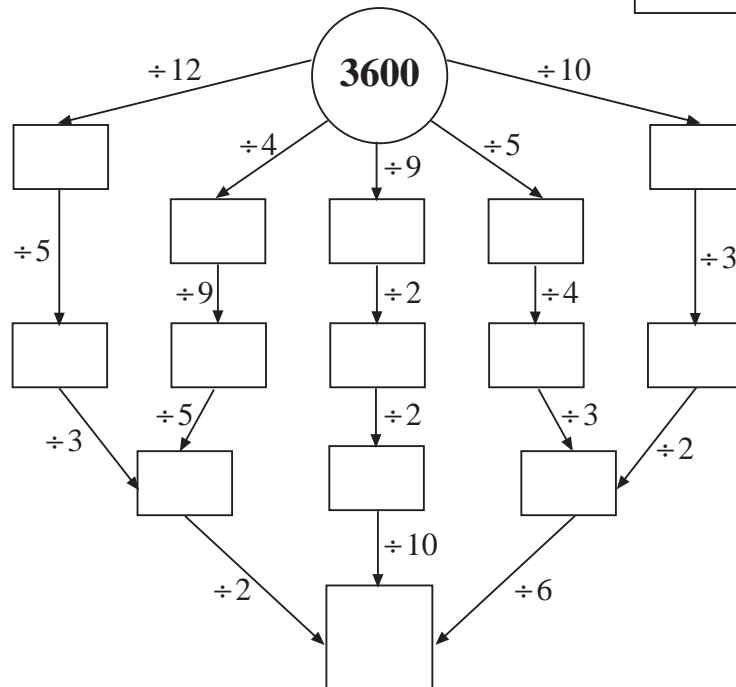
1.



2.



3.



Extension

Design your own network and give it to a friend to complete.

ACTIVITY 2.3

Chip Shop Supper

Your teacher decides to treat himself and 5 friends to a takeaway from the local fish and chip shop.

Select a sample of 5 'friends' from the class and calculate the cost using their choices, your choice and the menu below.

MENU

Fish and Chips	Large	£3.80
	Medium	£3.20
	Small	£3.00
Beef Pie and Chips		£1.99
Chicken Pie and Chips		£1.89
Sausages (2) and Chips		£2.19
Pasty and Chips		£2.09
Fishcake and Chips		£1.65
Burger and Chips		£3.15
Chicken Portion and Chips		£4.85

Extras

Mushy Peas	49p
Baked Beans	59p
Curry Sauce	47p

ACTIVITY 2.4

Chinese Choices

Sheet 2.4A shows the menu for a Chinese takeaway.

You have £35 to spend on a meal for 5 people. You should choose a number of dishes that they can all share. Spend *as near to* £35 as possible, but *no more* than £35. The 5 people's likes and dislikes are listed below.

Tim *will eat anything; his special favourite is duck.*

Halim *is a vegetarian.*

Rosie *does not eat beef.*

Alison *eats no meat other than chicken.*

Jai *likes curries; he does not like chicken.*

ACTIVITY 2.4A

Chinese Takeaway Menu

Sweet and Sour Dishes

Sweet and Sour Pork	£3.50
Sweet and Sour Chicken	£3.60
Sweet and Sour King Prawn	£4.40
Sweet and Sour Spare Ribs	£4.20
Sweet and Sour Pork (<i>Hong Kong Style</i>)	£4.00
Sweet and Sour King Prawn (<i>Hong Kong Style</i>)	£4.50

Curry Dishes

Special Curried King Prawn	£4.20
Special Curried Chicken	£4.00
Curried King Prawn	£4.00
Curried Prawn	£3.40
Curried Chicken	£3.40
Curried Beef	£3.50
Special Curried Mixed Meat	£4.20
Curried Mushroom and Vegetables	£3.20

Chop Suey Dishes

King Prawn Chop Suey	£4.40
Prawn Chop Suey	£3.75
Chicken Chop Suey	£3.60
Beef Chop Suey	£3.75
Char Siu Chop Suey (<i>Chinese Roast Pork</i>)	£3.75
Special Chinese Mixed Vegetable Chop Suey....	£4.50
Chow's Special Chop Suey	£4.50

Egg Foo Young Dishes

Chow's Special Foo Young	£4.50
King Prawn Foo Young	£4.45
Prawn Foo Young	£3.75
Chicken Foo Young	£3.60
Mushroom Foo Young	£3.50

Fried Rice Dishes

Chow's Special Fried Rice	£4.50
King Prawn Fried Rice	£4.40
Prawn Fried Rice	£3.80
Chicken Fried Rice	£3.80
Young Chow Fried Rice	£3.90
Beef Fried Rice	£3.90
Singapore Fried Rice (<i>Hot Dish</i>)	£3.90

Duckling Dishes

Sow Chu Duckling	£6.00
Roast Duckling on Beansprouts	£4.50
Roast Duckling with Mushrooms	£4.50
Roast Duckling with Pineapple	£4.50
Roast Duckling with Bamboo Shoots and Water Chestnuts)	£4.50
Roast Duckling with Pineapple and Pickled Ginger	£4.80
Roast Duckling in Yellow Bean Sauce	£5.00

Chinese Appetisers

Chicken and Mushroom Soup	£1.45
Chicken and Sweetcorn Soup	£1.45
Chicken and Noodle Soup	£1.45
Crab Meat and Sweetcorn Soup	£2.20
Hot and Sour Soup	£1.80
Barbecue Spare Ribs of Pork in Honey	£4.20
Prawn Cocktail	£2.00

Chicken Dishes

Sow Chu Chicken	£5.30
Special Lemon Chicken	£4.00
Roast Chicken on Beansprouts	£3.60
Fried Chicken with Cashewnuts	£4.00
Fried Chicken with Mushrooms	£3.60
Fried Chicken with Black Bean Sauce	£3.95
Fried Chicken with Bamboo Shoots	£3.60
Fried Chicken with Mushrooms and Pork	£4.00
Fried Chicken with Chinese Mushrooms	£4.20
Roast Chicken and Chinese Roast Pork	£3.60
Fried Chicken with Broccoli in Oyster Sauce ...	£4.20
Fried Chicken with Chinese Vegetables	£4.00

Pork and Beef Dishes

Barbecued Spare Ribs of Pork in Sauce	£4.20
King Do Spare Ribs of Pork	£4.20
Fried Beef with Onions	£3.75
Fried Beef with Mushrooms	£3.75
Fried Beef with Broccoli in Oyster Sauce	£4.50
Fried Beef with Chinese Mixed Vegetables	£4.00
Fried Beef with Black Bean Sauce and Peppers..	£4.00

King Prawn Dishes

Fried King Prawn with Chinese Mushrooms	£4.60
Fried King Prawn with Bamboo Shoots and Water Chestnuts	£4.40
Fried King Prawn with Cashewnuts	£4.60
Fried King Prawn with Black Bean Sauce	£4.50
Fried King Prawn and Chinese Roast Pork	£4.50

Extra Portions

Egg Fried Rice	£1.50
Boiled Rice	£1.25
Fried Soft Noodles with Beansprouts	£2.00
Bamboo Shoots and Water Chestnuts	£1.80
Mushrooms	£1.80
Fried Onions	£1.80
Beansprouts	£1.80

Sweets

Pineapple Fritter with Syrup	£1.40
Banana Fritter with Syrup	£1.40