

ÉQUATION

correction

$$\text{sheep} + \text{duck} + \text{chicken} = \text{cow}$$

NIVEAU 1

NIVEAU 2

NIVEAU 3

NIVEAU 4

NIVEAU 5

NIVEAU 6

NIVEAU 7

NIVEAU 8

32 équations illustrées à photocopier ou à projeter
8 niveaux de difficulté

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ÉQUATION

NIVEAU 1

$$\text{chicken} + \text{chicken} + \text{chicken} = 6$$

$$\text{chicken} + \text{donkey} + \text{donkey} = 8$$

$$\text{chicken} + \text{donkey} + \text{elephant} = 10$$

$$\text{chicken} = 2$$

$$\text{donkey} = 3$$

$$\text{elephant} = 5$$

ÉQUATION

NIVEAU 1

$$\text{zebra} + \text{zebra} + \text{zebra} = 9$$

$$\text{zebra} + \text{turtle} + \text{turtle} = 7$$

$$\text{zebra} + \text{turtle} + \text{hippo} = 10$$

$$\text{zebra} = 3$$

$$\text{turtle} = 2$$

$$\text{hippo} = 5$$

ÉQUATION

NIVEAU 1

$$\text{sheep} + \text{sheep} + \text{sheep} = 9$$

$$\text{sheep} + \text{duck} + \text{duck} = 7$$

$$\text{sheep} + \text{duck} + \text{cow} = 9$$

$$\text{sheep} = 3$$

$$\text{duck} = 2$$

$$\text{cow} = 4$$

ÉQUATION

NIVEAU 1

$$\text{mouse} + \text{mouse} + \text{mouse} = 6$$

$$\text{mouse} + \text{penguin} + \text{penguin} = 10$$

$$\text{mouse} + \text{penguin} + \text{pig} = 9$$

$$\text{mouse} = 2$$

$$\text{penguin} = 4$$

$$\text{pig} = 3$$

ÉQUATION

NIVEAU 2

$$\text{chicken} + \text{chicken} + \text{chicken} = 9$$

$$\text{chicken} + \text{goat} + \text{goat} = 13$$

$$\text{chicken} + \text{goat} + \text{elephant} = 14$$

$$\text{chicken} = 3$$

$$\text{goat} = 5$$

$$\text{elephant} = 6$$

ÉQUATION

NIVEAU 2

$$\text{zebra} + \text{zebra} + \text{zebra} = 12$$

$$\text{zebra} + \text{turtle} + \text{turtle} = 10$$

$$\text{zebra} + \text{turtle} + \text{hippo} = 12$$

$$\text{zebra} = 4$$

$$\text{turtle} = 3$$

$$\text{hippo} = 5$$

ÉQUATION

NIVEAU 2

$$\text{duck} + \text{duck} + \text{duck} = 6$$

$$\text{duck} + \text{cow} + \text{cow} = 12$$

$$\text{duck} + \text{cow} + \text{sheep} = 11$$

$$\text{duck} = 2$$

$$\text{cow} = 5$$

$$\text{sheep} = 4$$

ÉQUATION

NIVEAU 2

$$\text{mouse} + \text{mouse} + \text{mouse} = 9$$

$$\text{mouse} + \text{penguin} + \text{penguin} = 11$$

$$\text{mouse} + \text{penguin} + \text{pig} = 12$$

$$\text{mouse} = 3$$

$$\text{penguin} = 4$$

$$\text{pig} = 5$$

ÉQUATION

NIVEAU 3

$$\text{Donkey} + \text{Donkey} + \text{Donkey} = 15$$

$$\text{Donkey} + \text{Chicken} + \text{Chicken} = 9$$

$$\text{Donkey} + \text{Chicken} + \text{Elephant} = 14$$

$$\text{Donkey} = 5$$

$$\text{Chicken} = 2$$

$$\text{Elephant} = 7$$

ÉQUATION

NIVEAU 3

$$\text{Zebra} + \text{Zebra} + \text{Zebra} = 18$$

$$\text{Zebra} + \text{Turtle} + \text{Turtle} = 10$$

$$\text{Zebra} + \text{Turtle} + \text{Hippo} = 16$$

$$\text{Zebra} = 6$$

$$\text{Turtle} = 2$$

$$\text{Hippo} = 8$$

ÉQUATION

NIVEAU 3

$$\text{Duck} + \text{Duck} + \text{Duck} = 12$$

$$\text{Duck} + \text{Sheep} + \text{Sheep} = 14$$

$$\text{Duck} + \text{Sheep} + \text{Cow} = 18$$

$$\text{Duck} = 4$$

$$\text{Sheep} = 5$$

$$\text{Cow} = 9$$

ÉQUATION

NIVEAU 3

$$\text{Rabbit} + \text{Rabbit} + \text{Rabbit} = 9$$

$$\text{Rabbit} + \text{Penguin} + \text{Penguin} = 15$$

$$\text{Rabbit} + \text{Penguin} + \text{Pig} = 16$$

$$\text{Rabbit} = 3$$

$$\text{Penguin} = 6$$

$$\text{Pig} = 7$$

ÉQUATION

NIVEAU 4

$$\text{Donkey} + \text{Donkey} + \text{Donkey} = 18$$

$$\text{Donkey} + \text{Chicken} + \text{Chicken} = 12$$

$$\text{Donkey} + \text{Chicken} - \text{Elephant} = 3$$

$$\text{Donkey} = 6$$

$$\text{Chicken} = 3$$

$$\text{Elephant} = 6$$

ÉQUATION

NIVEAU 4

$$\text{Zebra} + \text{Zebra} + \text{Zebra} = 15$$

$$\text{Zebra} + \text{Turtle} + \text{Turtle} = 13$$

$$\text{Zebra} + \text{Turtle} - \text{Hippo} = 1$$

$$\text{Zebra} = 5$$

$$\text{Turtle} = 4$$

$$\text{Hippo} = 8$$

ÉQUATION

NIVEAU 4

$$\text{Duck} + \text{Duck} + \text{Duck} = 12$$

$$\text{Duck} + \text{Sheep} + \text{Sheep} = 18$$

$$\text{Duck} + \text{Sheep} - \text{Cow} = 1$$

$$\text{Duck} = 4$$

$$\text{Sheep} = 7$$

$$\text{Cow} = 10$$

ÉQUATION

NIVEAU 4

$$\text{Penguin} + \text{Penguin} + \text{Penguin} = 18$$

$$\text{Penguin} + \text{Mouse} + \text{Mouse} = 16$$

$$\text{Penguin} + \text{Mouse} - \text{Pig} = 1$$

$$\text{Penguin} = 6$$

$$\text{Mouse} = 5$$

$$\text{Pig} = 10$$

ÉQUATION

NIVEAU 5

$$\text{Chicken} + \text{Chicken} + \text{Chicken} = 15$$

$$\text{Chicken} + \text{Elephant} + \text{Elephant} = 23$$

$$\text{Chicken} + \text{Elephant} + \text{Donkey} = 20$$

$$\text{Chicken} = 5$$

$$\text{Elephant} = 9$$

$$\text{Donkey} = 6$$

ÉQUATION

NIVEAU 5

$$\text{Turtle} + \text{Turtle} + \text{Turtle} = 18$$

$$\text{Turtle} + \text{Zebra} + \text{Zebra} = 20$$

$$\text{Turtle} + \text{Zebra} + \text{Hippo} = 21$$

$$\text{Turtle} = 6$$

$$\text{Zebra} = 7$$

$$\text{Hippo} = 8$$

ÉQUATION

NIVEAU 5

$$\text{Duck} + \text{Duck} + \text{Duck} = 12$$

$$\text{Duck} + \text{Sheep} + \text{Sheep} = 24$$

$$\text{Duck} + \text{Sheep} + \text{Cow} = 22$$

$$\text{Duck} = 4$$

$$\text{Sheep} = 10$$

$$\text{Cow} = 8$$

ÉQUATION

NIVEAU 5

$$\text{Rabbit} + \text{Rabbit} + \text{Rabbit} = 15$$

$$\text{Rabbit} + \text{Pig} + \text{Pig} = 21$$

$$\text{Rabbit} + \text{Pig} + \text{Penguin} = 20$$

$$\text{Rabbit} = 5$$

$$\text{Pig} = 8$$

$$\text{Penguin} = 7$$

ÉQUATION

NIVEAU 6

$$\text{Elephant} + \text{Elephant} + \text{Elephant} = 30$$

$$\text{Elephant} + \text{Chicken} + \text{Chicken} = 22$$

$$\text{Elephant} + \text{Chicken} + \text{Donkey} = 25$$

$$\text{Elephant} = 10$$

$$\text{Chicken} = 6$$

$$\text{Donkey} = 9$$

ÉQUATION

NIVEAU 6

$$\text{Turtle} + \text{Turtle} + \text{Turtle} = 21$$

$$\text{Turtle} + \text{Zebra} + \text{Zebra} = 25$$

$$\text{Turtle} + \text{Zebra} + \text{Hippo} = 28$$

$$\text{Turtle} = 7$$

$$\text{Zebra} = 9$$

$$\text{Hippo} = 12$$

ÉQUATION

NIVEAU 6

$$\text{Sheep} + \text{Sheep} + \text{Sheep} = 24$$

$$\text{Sheep} + \text{Duck} + \text{Duck} = 22$$

$$\text{Sheep} + \text{Duck} + \text{Cow} = 28$$

$$\text{Sheep} = 8$$

$$\text{Duck} = 7$$

$$\text{Cow} = 13$$

ÉQUATION

NIVEAU 6

$$\text{Penguin} + \text{Penguin} + \text{Penguin} = 30$$

$$\text{Penguin} + \text{Rabbit} + \text{Rabbit} = 24$$

$$\text{Penguin} + \text{Rabbit} + \text{Pig} = 30$$

$$\text{Penguin} = 10$$

$$\text{Rabbit} = 7$$

$$\text{Pig} = 13$$

ÉQUATION

NIVEAU 7

$$\text{Chicken} + \text{Chicken} + \text{Chicken} = 27$$

$$\text{Chicken} + \text{Donkey} + \text{Donkey} = 33$$

$$\text{Chicken} + \text{Donkey} - \text{Elephant} = 8$$

$$\text{Chicken} = 9$$

$$\text{Donkey} = 12$$

$$\text{Elephant} = 13$$

ÉQUATION

NIVEAU 7

$$\text{Turtle} + \text{Turtle} + \text{Turtle} = 24$$

$$\text{Turtle} + \text{Zebra} + \text{Zebra} = 30$$

$$\text{Turtle} + \text{Zebra} - \text{Hippo} = 7$$

$$\text{Turtle} = 8$$

$$\text{Zebra} = 11$$

$$\text{Hippo} = 12$$

ÉQUATION

NIVEAU 7

$$\text{Duck} + \text{Duck} + \text{Duck} = 24$$

$$\text{Duck} + \text{Sheep} + \text{Sheep} = 32$$

$$\text{Duck} + \text{Sheep} - \text{Cow} = 7$$

$$\text{Duck} = 8$$

$$\text{Sheep} = 12$$

$$\text{Cow} = 13$$

ÉQUATION

NIVEAU 7

$$\text{Rabbit} + \text{Rabbit} + \text{Rabbit} = 27$$

$$\text{Rabbit} + \text{Penguin} + \text{Penguin} = 31$$

$$\text{Rabbit} + \text{Penguin} - \text{Pig} = 6$$

$$\text{Rabbit} = 9$$

$$\text{Penguin} = 11$$

$$\text{Pig} = 14$$

ÉQUATION

NIVEAU 8

$$\text{donkey} + \text{donkey} + \text{donkey} = 33$$

$$\text{donkey} + \text{chicken} + \text{chicken} = 27$$

$$\text{donkey} - \text{chicken} + \text{elephant} = 20$$

$$\text{donkey} = 11$$

$$\text{chicken} = 8$$

$$\text{elephant} = 17$$

ÉQUATION

NIVEAU 8

$$\text{zebra} + \text{zebra} + \text{zebra} = 36$$

$$\text{zebra} + \text{turtle} + \text{turtle} = 30$$

$$\text{zebra} - \text{turtle} + \text{hippo} = 17$$

$$\text{zebra} = 12$$

$$\text{turtle} = 9$$

$$\text{hippo} = 14$$

ÉQUATION

NIVEAU 8

$$\text{sheep} + \text{sheep} + \text{sheep} = 36$$

$$\text{sheep} + \text{duck} + \text{duck} = 28$$

$$\text{sheep} - \text{duck} + \text{cow} = 20$$

$$\text{sheep} = 12$$

$$\text{duck} = 8$$

$$\text{cow} = 16$$

ÉQUATION

NIVEAU 8

$$\text{penguin} + \text{penguin} + \text{penguin} = 33$$

$$\text{penguin} + \text{mouse} + \text{mouse} = 29$$

$$\text{penguin} - \text{mouse} + \text{pig} = 20$$

$$\text{penguin} = 11$$

$$\text{mouse} = 9$$

$$\text{pig} = 18$$