

Factorització d'enters

IES Pons d'Icart

En les 33 pantalles següents
apareixeran nombres que haureu de
descompondre en factors primers.

Si premeu repetidament la tecla
AvPàg, apareixeran les solucions en
diverses etapes.

Exercici 1

$$6 =$$

Exercici 1

$$6 = 2 \cdot$$

Exercici 1

$$6 = 2 \cdot 3$$

Exercici 2

$$9 =$$

Exercici 2

$$9 = 3$$

Exercici 2

$$9 = 3^2$$

Exercici 3

$$15 =$$

Exercici 3

$$15 = 3 \cdot$$

Exercici 3

$$15 = 3 \cdot 5$$

Exercici 4

$$14 =$$

Exercici 4

$$14 = 2 \cdot$$

Exercici 4

$$14 = 2 \cdot 7$$

Exercici 5

$$18 =$$

Exercici 5

$$18 = 2 \cdot$$

Exercici 5

$$18 = 2 \cdot 3$$

Exercici 5

$$18 = 2 \cdot 3^2$$

Exercici 6

$$8 =$$

Exercici 6

$$8 = 2$$

Exercici 6

$$8 = 2^3$$

Exercici 7

$$16 =$$

Exercici 7

$$16 = 2$$

Exercici 7

$$16 = 2^4$$

Exercici 8

$$55 =$$

Exercici 8

$$55 = 5 \cdot$$

Exercici 8

$$55 = 5 \cdot 11$$

Exercici 9

$$21 =$$

Exercici 9

$$21 = 3 \cdot$$

Exercici 9

$$21 = 3 \cdot 7$$

Exercici 10

$$27 =$$

Exercici 10

$$27 = 3$$

Exercici 10

$$27 = 3^3$$

Exercici 11

$$34 =$$

Exercici 11

$$34 = 2 \cdot$$

Exercici 11

$$34 = 2 \cdot 17$$

Exercici 12

$$28 =$$

Exercici 12

$$28 = 2$$

Exercici 12

$$28 = 2^2 \cdot$$

Exercici 12

$$28 = 2^2 \cdot 7$$

Exercici 13

$$39 =$$

Exercici 13

$$39 = 3 \cdot$$

Exercici 13

$$39 = 3 \cdot 13$$

Exercici 14

$$24 =$$

Exercici 14

$$24 = 2$$

Exercici 14

$$24 = 2^3 \cdot 3$$

Exercici 14

$$24 = 2^3 \cdot 3$$

Exercici 15

$$36 =$$

Exercici 15

$$36 = 2$$

Exercici 15

$$36 = 2^2 \cdot$$

Exercici 15

$$36 = 2^2 \cdot 3$$

Exercici 15

$$36 = 2^2 \cdot 3^2$$

Exercici 16

$$40 =$$

Exercici 16

$$40 = 2$$

Exercici 16

$$40 = 2^3 \cdot 5.$$

Exercici 16

$$40 = 2^3 \cdot 5$$

Exercici 17

$$25 =$$

Exercici 17

$$25 = 5$$

Exercici 17

$$25 = 5^2$$

Exercici 18

$$50 =$$

Exercici 18

$$50 = 2 \cdot$$

Exercici 18

$$50 = 2 \cdot 5$$

Exercici 18

$$50 = 2 \cdot 5^2$$

Exercici 19

$$38 =$$

Exercici 19

$$38 = 2 \cdot$$

Exercici 19

$$38 = 2 \cdot 19$$

Exercici 20

$$42 =$$

Exercici 20

$$42 = 2 \cdot$$

Exercici 20

$$42 = 2 \cdot 21$$

Exercici 20

$$42 = 2 \cdot 21 = 2 \cdot$$

Exercici 20

$$42 = 2 \cdot 21 = 2 \cdot 3 \cdot 7$$

Exercici 20

$$42 = 2 \cdot 21 = 2 \cdot 3 \cdot 7$$

Exercici 21

$$280 =$$

Exercici 21

$$280 = 4 \cdot$$

Exercici 21

$$280 = 4 \cdot 7 \cdot$$

Exercici 21

$$280 = 4 \cdot 7 \cdot 5 \cdot$$

Exercici 21

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Exercici 21

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Exercici 21

$$280 = 4 \cdot 7 \cdot 5 \cdot 2 = 2^3 \cdot 5$$

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Exercici 22

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Exercici 22

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Exercici 22

$$136 = 4 \cdot 34$$

Exercici 22

$$136 = 4 \cdot 34 = 2$$

Exercici 22

$$136 = 4 \cdot 34 = 2^3 \cdot 17.$$

Exercici 22

$$136 = 4 \cdot 34 = 2^3 \cdot 17$$

Exercici 23

$$154 =$$

Exercici 23

$$154 = 2 \cdot$$

Exercici 23

$$154 = 2 \cdot 77$$

Exercici 23

$$154 = 2 \cdot 77 = 2 \cdot$$

Exercici 23

$$154 = 2 \cdot 77 = 2 \cdot 7 \cdot$$

Exercici 23

$$154 = 2 \cdot 77 = 2 \cdot 7 \cdot 11$$

Exercici 24

$$220 =$$

Exercici 24

$$220 = 4 \cdot$$

Exercici 24

$$220 = 4 \cdot 55$$

Exercici 24

$$220 = 4 \cdot 55 = 2$$

Exercici 24

$$220 = 4 \cdot 55 = 2^2 \cdot 5 \cdot 11$$

Exercici 24

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Exercici 25

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Exercici 25

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Exercici 25

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Exercici 25

$$234 = 9 \cdot 26 = 3^2 \cdot 2 \cdot 13.$$

Exercici 25

$$234 = 9 \cdot 26 = 3^2 \cdot 2 \cdot 13$$

Exercici 25

$$234 = 9 \cdot 26 = 3^2 \cdot 2 \cdot 13$$

Exercici 26

$$242 =$$

Exercici 26

$$242 = 2 \cdot$$

Exercici 26

$$242 = 2 \cdot 121$$

Exercici 26

$$242 = 2 \cdot 121 = 2 \cdot$$

Exercici 26

$$242 = 2 \cdot 121 = 2 \cdot 11$$

Exercici 26

$$242 = 2 \cdot 121 = 2 \cdot 11^2$$

Exercici 27

$$143 =$$

Exercici 27

$$143 = 11 \cdot$$

Exercici 27

$$143 = 11 \cdot 13$$

Exercici 28

$$155 =$$

Exercici 28

$$155 = 5 \cdot$$

Exercici 28

$$155 = 5 \cdot 31$$

Exercici 29

$$180 =$$

Exercici 29

$$180 = 9 \cdot$$

Exercici 29

$$180 = 9 \cdot 20$$

Exercici 29

$$180 = 9 \cdot 20 = 3$$

Exercici 29

$$180 = 9 \cdot 20 = 3^2 \cdot 2^2 \cdot 3 \cdot 5 = 2^2 \cdot 3^3 \cdot 5.$$

Exercici 29

$$180 = 9 \cdot 20 = 3^2 \cdot 2$$

Exercici 29

$$180 = 9 \cdot 20 = 3^2 \cdot 2^2 \cdot 5$$

Exercici 29

$$180 = 9 \cdot 20 = 3^2 \cdot 2^2 \cdot 5$$

Exercici 30

$$216 =$$

Exercici 30

$$216 = 9 \cdot$$

Exercici 30

$$216 = 9 \cdot 24$$

Exercici 30

$$216 = 9 \cdot 24 = 3$$

Exercici 30

$$216 = 9 \cdot 24 = 3^2 \cdot 2^3 \cdot 3 = 3^3 \cdot 2^3 = (3 \cdot 2)^3 = 6^3.$$

Exercici 30

$$216 = 9 \cdot 24 = 3^2 \cdot 3.$$

Exercici 30

$$216 = 9 \cdot 24 = 3^2 \cdot 3 \cdot 8$$

Exercici 30

$$216 = 9 \cdot 24 = 3^2 \cdot 3 \cdot 8 = 3$$

Exercici 30

$$216 = 9 \cdot 24 = 3^2 \cdot 3 \cdot 8 = 3^3 \cdot 8.$$

Exercici 30

$$216 = 9 \cdot 24 = 3^2 \cdot 3 \cdot 8 = 3^3 \cdot 2^3$$

Exercici 30

$$216 = 9 \cdot 24 = 3^2 \cdot 3 \cdot 8 = 3^3 \cdot 2^3$$

Exercici 31

$$245 =$$

Exercici 31

$$245 = 5 \cdot$$

Exercici 31

$$245 = 5 \cdot 49$$

Exercici 31

$$245 = 5 \cdot 49 = 5 \cdot$$

Exercici 31

$$245 = 5 \cdot 49 = 5 \cdot 7$$

Exercici 31

$$245 = 5 \cdot 49 = 5 \cdot 7^2$$

Exercici 32

$$1000 =$$

Exercici 32

$$1000 = 10 \cdot$$

Exercici 32

$$1000 = 10 \cdot 10 \cdot 10$$

Exercici 32

$$1000 = 10 \cdot 10 \cdot 10$$

Exercici 32

$$1000 = 10 \cdot 10 \cdot 10 = 10$$

Exercici 32

$$1000 = 10 \cdot 10 \cdot 10 = 10^3$$

Exercici 32

$$\begin{aligned} 1000 &= 10 \cdot 10 \cdot 10 = 10^3 \\ &= (2 \cdot \end{aligned}$$

Exercici 32

$$\begin{aligned} 1000 &= 10 \cdot 10 \cdot 10 = 10^3 \\ &= (2 \cdot 5) \end{aligned}$$

Exercici 32

$$\begin{aligned} 1000 &= 10 \cdot 10 \cdot 10 = 10^3 \\ &= (2 \cdot 5)^3 \end{aligned}$$

Exercici 32

$$\begin{aligned} 1000 &= 10 \cdot 10 \cdot 10 = 10^3 \\ &= (2 \cdot 5)^3 = 2 \end{aligned}$$

Exercici 32

$$\begin{aligned} 1000 &= 10 \cdot 10 \cdot 10 = 10^3 \\ &= (2 \cdot 5)^3 = 2 \cdot 3. \end{aligned}$$

Exercici 32

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Exercici 32

$$\begin{aligned} 1000 &= 10 \cdot 10 \cdot 10 = 10^3 \\ &= (2 \cdot 5)^3 = 2^3 \cdot 5^3 \end{aligned}$$

Exercici 33

$$1200 =$$

Exercici 33

$$1200 = 12 \cdot$$

Exercici 33

$$1200 = 12 \cdot 10 \cdot$$

Exercici 33

$$1200 = 12 \cdot 10 \cdot 10$$

Exercici 33

$$1200 = 12 \cdot 10 \cdot 10 = 4 \cdot$$

Exercici 33

$$1200 = 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot$$

Exercici 33

$$1200 = 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10$$

Exercici 33

$$1200 = 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2$$

Exercici 33

$$1200 = 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ = 2$$

Exercici 33

$$1200 = 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ = 2^2 \cdot 3 \cdot 2^2 \cdot 5^2 = 2^4 \cdot 3 \cdot 5^2$$

Exercici 33

$$\begin{aligned} 1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 10^2 \end{aligned}$$

Exercici 33

$$\begin{aligned}1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 2\end{aligned}$$

Exercici 33

$$\begin{aligned}1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 2^2.\end{aligned}$$

Exercici 33

$$\begin{aligned}1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 2^2 \cdot 5\end{aligned}$$

Exercici 33

$$\begin{aligned}1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 2^2 \cdot 5^2\end{aligned}$$

Exercici 33

$$\begin{aligned}1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 2^2 \cdot 5^2 = 2\end{aligned}$$

Exercici 33

$$\begin{aligned} 1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 2^2 \cdot 5^2 = 2^4 \cdot 3 \cdot 5^2. \end{aligned}$$

Exercici 33

$$\begin{aligned} 1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 2^2 \cdot 5^2 = 2^4 \cdot 3 \cdot 5^2 \end{aligned}$$

Exercici 33

$$\begin{aligned} 1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 2^2 \cdot 5^2 = 2^4 \cdot 3 \cdot 5 \end{aligned}$$

Exercici 33

$$\begin{aligned} 1200 &= 12 \cdot 10 \cdot 10 = 4 \cdot 3 \cdot 10^2 \\ &= 2^2 \cdot 3 \cdot 2^2 \cdot 5^2 = 2^4 \cdot 3 \cdot 5^2 \end{aligned}$$