

MONDAY

Answers

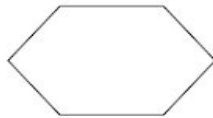
1. 08:35 hours = _____ a.m./p.m.

2. $8.5 + 12.7 =$ _____

3. $60 +$ _____ $= 135$

4. $\frac{1}{4}$ km = _____ m

5. Draw the 6 lines of symmetry.



6. 50, 100, 150, _____, 250

7. $1.1 < 0.9$ ☐ True ☐ False

8. Tick the composite number. ☐ 8 ☐ 11 ☐ 17

9. The angles in a pentagon are all _____ angles.



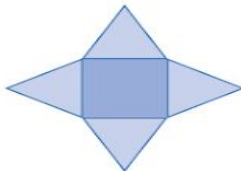
10. Is 12 a multiple of 4? ☐ Yes ☐ No

11. $50\% = 0.5 = \frac{\boxed{}}{\boxed{100}}$

12. $900 \div 90 =$ _____

13. A2, B10, C50, _____

14. This is a net of a _____.



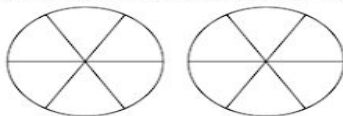
15. 1, 2, _____, 4, _____, 8, 12 and 24 are factors of 24.

16. $500 \times 6 =$ _____

17. 50% of 20 = _____

18. $8 \overline{)99} =$ _____ r _____

19. Colour to show the mixed number of $1\frac{5}{6}$.



20. Draw a 90° turn clockwise.



- 1.
- 2.
- 3.
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- 17.
- 18.
- 19.
- 20.

Ceolchoireann



Veidhlín



Fliúit



Trumpa



Giotár



Pianó



Drumaí

CEISTEANNA

- 1 Cad a bhíonn ar siúl gach Luan?
(What is on every Monday?)
- 2 Cad a bhíonn ar siúl sa halla?
(What is happening in the hall?)
- 3 Cén saghas uirlise atá ann?
(What type of instruments are there?)
- 4 An mbíonn ceolchoirm mhór ann gach bliain?
(Is there a big concert on every year?)

FOCLÓIR

ceolchoireann	orchestra	gach Luan	every Monday
cleachtadh	rehearsal	ag seinm ceoil	playing music
uirlise	instrument	flúit	flute
		veidhlín	violin
pianó	piano	giotár	guitar
		trumpa	trumpet
		a lán eile	many other
		gach bliain	every year

- 1.
- 2.
- 3.
- 4.
- 5.

Maths : Percentages

Percentages

Percentages, fractions and decimals are different ways of showing the same value.

What fraction, decimal fraction and percentage of this apple pie is leftover? What about this one?

Fraction = a half or $\frac{1}{2}$

Decimal = 0.5

Percentage = 50%



Fraction = $\frac{1}{4}$

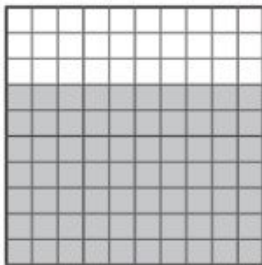
Decimal = 0.25

Percentage = 25%

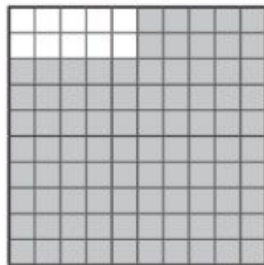


B Per cent means 'out of a hundred'. What fraction, decimal and percentage of each of these hundred squares is shaded in?

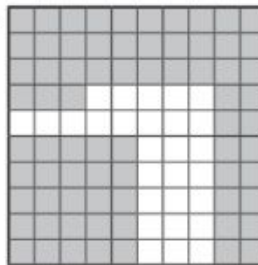
1.



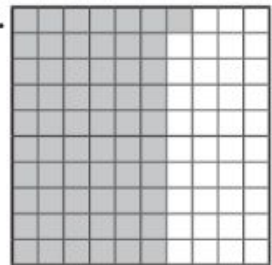
2.



3.



4.



Answers to B:

1.

2.

3.

4.

Changing decimals to percentages and percentages to decimals

From Decimal	To Per cent	
0.125	$\times 100$	12.5%
Make the number 100 times bigger, and then add the % sign.		

Or

From Per cent	To Decimal	
75%	$\div 100$	0.75
Make the number 100 times smaller, and then remove the % sign.		

Think!

Why might you need to change a decimal number to a percentage?



A Match each decimal with its equivalent percentage.

0.04	95%
0.5	34%
0.2	50%
0.1	10%
0.34	20%
0.95	4%

B Circle the equivalent percentage for each decimal.

0.7: 7%, 70%, 17%, 170%	0.06: 6%, 60%, 16%, 600%
0.3: 3%, 30%, 300%, 13%	0.67: 6.7%, 67%, 670%, 7.6%
0.97: 9.7%, 97%, 970%, 7.9%	1.7: 1.7%, 17%, 0.17%, 170%
0.875: 8.75%, 87.5%, 875%, 0.875%	0.125: 1.25%, 12.5%, 125%, 0.125%

Answers to A

Answers to B

Teapots



Questions-Remember full answers and use your imagination!

1. Where have these objects come from?
2. What is inside them?
3. Who is Sophie and why is she so interested in these objects?
4. Where has she travelled from? How did she find the teapots?
5. Why have people built scaffolding up against them?
6. Who are the people in the tents and why are they there?
7. What do you think caused the teapots to crack?

Story Starter

No one knew where they had come from. Nobody had even been there when they appeared. Once word had spread about these mysterious objects, people had started to flock from far and wide.

Sophie loved a mystery, and she herself had journeyed a great way to see if the rumours she had heard were true. She stood on the makeshift stone path that had been hurriedly thrown down to guide the curious onlookers through the scorching desert, and gazed in amazement at the sight that greeted her bewildered eyes...

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Write your story here

She stood on the makeshift stone path that had been hurriedly thrown down to guide the curious onlookers through the scorching desert, and gazed in amazement at the sight that greeted her bewildered eyes....

Tuesday

TUESDAY

1. 13:05 hours = _____ a.m./p.m.

2. $16.3 + 3.7 =$ _____

3. Is 16 a multiple of 3? _____

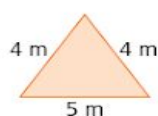
4. $105 \div 10 =$ _____ r _____

5. $95 +$ _____ $= 150$

6. 3, 6, 12, 24, _____

7. $81 =$ _____²

8. Perimeter = _____ m



9. 50% of 100 = _____

10. Complete the multiples of 9.

	18			
		72		
99				

11. $8\frac{2}{3} =$ (improper fraction) _____

12. $20\% = 0.5$ ☐ True ☐ False

13. Write these numbers from largest to smallest.

72,050

7,205

72,500

_____, _____, _____

14. AZ, BY, CX, _____

15. Draw a 180° turn clockwise.



16. $2.1 > 2$ ☐ True ☐ False

17. How many pairs of parallel lines has a rectangle?



18. $\frac{9}{10} + \frac{3}{10} = \frac{\boxed{}}{10} =$ (mixed number) _____

19. $5\frac{8}{10} =$ (decimal) _____

20. $2 \times 82 \times 50 =$ _____

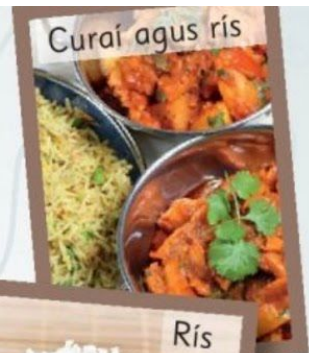
Answers

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- 20.

Tíortha agus Bia

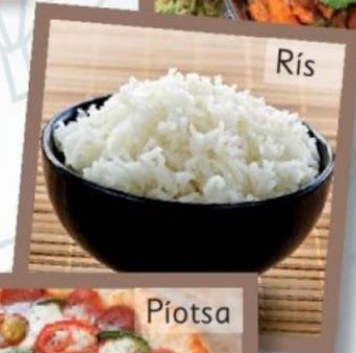


Paella



Curáí agus rís

Itheann daoine i dtíortha éagsúla bianna éagsúla.
Sa Spáinn, itheann daoine paella agus tapas.
San Iodáil, itheann daoine pasta agus píotsa.
Sa Fhrainc, itheann daoine seilidí nó cáis agus arán.
Sa tSeapáin, itheann daoine sushi agus rís.
San India, itheann daoine curáí agus rís.



Rís



Pasta



Sushi



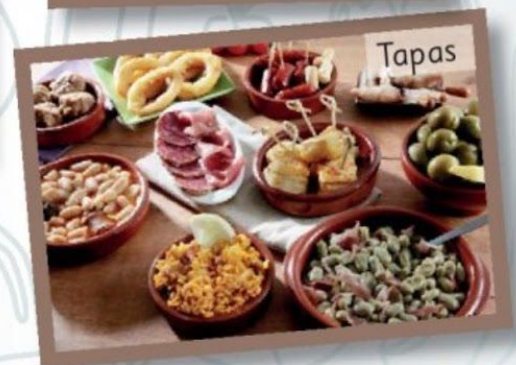
Píotsa



Seilidí



Cáis agus arán



Tapas

CEISTEANNA

- 1 An itheann daoine i dtíortha éagsúla bianna éagsúla?
(Do people in different countries eat different foods?)
- 2 Céard a itheann daoine sa Spáinn?
(What do people eat in Spain?)
- 3 Céard a itheann daoine san Iodáil?
(What do people eat in Italy?)
- 4 Céard a itheann daoine sa Fhrainc?
(What do people eat in France?)
- 5 Céard a itheann daoine san India?
(What do people eat in India?)

FOCLÓIR

tiortha éagsúla	different countries
bianna éagsúla	different foods
itheann daoine	people eat
seilidí	snails
curáí	curry
an tSeapáin	Japan
rís	rice

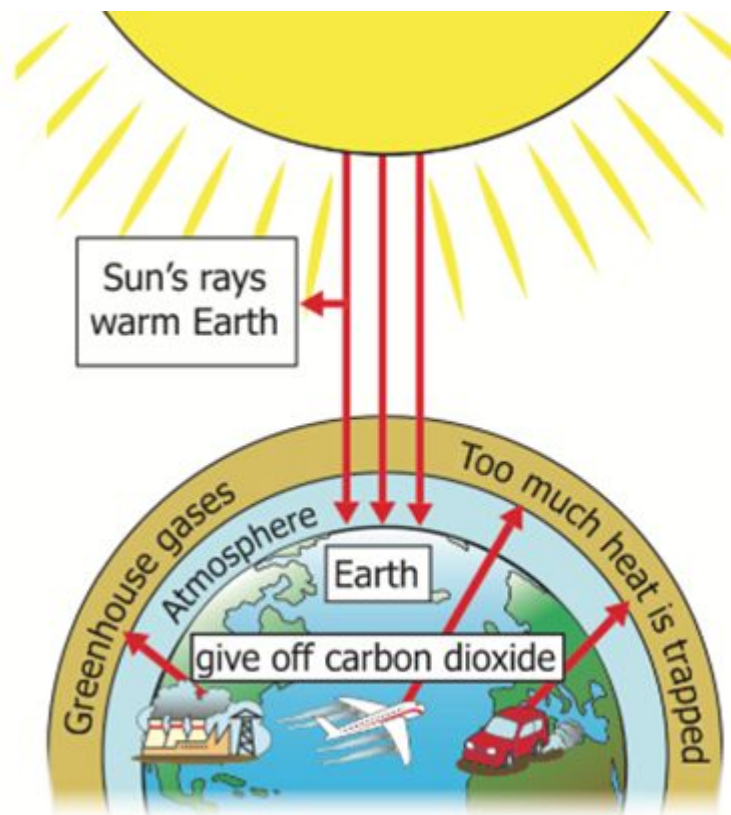
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- 5.

How Does Global Warming Happen?

What is global warming?

Global warming means planet Earth is getting hotter. There is concern about global warming because of changes to our **climate**. These changes include **extreme** floods, **drought** (not enough rain) and melting ice at the North and South Poles.

Most scientists agree that human activities contribute to global warming. These activities include driving cars, flying in aeroplanes, burning fossil fuels, cutting down rainforests and using a lot of electricity. So how are these activities causing our planet to warm up?



The greenhouse effect

Some gases surrounding the Earth act like a giant greenhouse. When the sun shines it gets very hot in a greenhouse because the glass traps heat from the sun. In a similar way, the gases surrounding the Earth trap heat from the sun. The gases allow sunlight through to heat the Earth's surface. The heat then **radiates** back into space. As it does so, the heat gets trapped by the gases. This is called the 'natural greenhouse effect' and it is a good thing – without it, the Earth would be too cold. The problem is there is now too much greenhouse gas. A lot of this extra gas is caused by human activities. Because of this, as the extra gas builds up in the **atmosphere**, the Earth warms up too much.

A greenhouse gas – carbon dioxide

One example of a greenhouse gas is carbon dioxide. Carbon dioxide is released into the air when fossil fuels such as coal, oil and natural gas are burned. Coal and gas are burned to make electricity and oil is used to power vehicles (cars, lorries etc) and aeroplanes. In this way, human activities contribute to global warming.

How can global warming be reduced?

Action can be taken to reduce global warming by burning less coal, gas and oil. Instead, **alternative** methods to make energy can be used, such as wind, sea and solar power (power from the sun).

Many governments have agreed to cut the amount of greenhouse gas by encouraging people to use less electricity and oil. They have committed to increasing the use of alternative energy.



Comprehension

A Answer the questions.

1. What is global warming?
2. What changes are happening to our climate?
3. Can you name three human activities that contribute to global warming?
4. Why does a greenhouse get very hot when the sun is shining?
5. Why do you think too much greenhouse gas is a problem?
6. How does the diagram help you to understand the greenhouse effect?
7. Why do you think global warming has increased in the past 100 years?
8. What could you do to help slow down global warming?



Why do you think alternative energy is not yet used all the time?

B Complete the activities.

1. Design an information poster about ways to save electricity.
2. Research how everyone can help slow down global warming. Design a leaflet about it.
3. Research how climate change is likely to affect low-lying countries like Bangladesh.

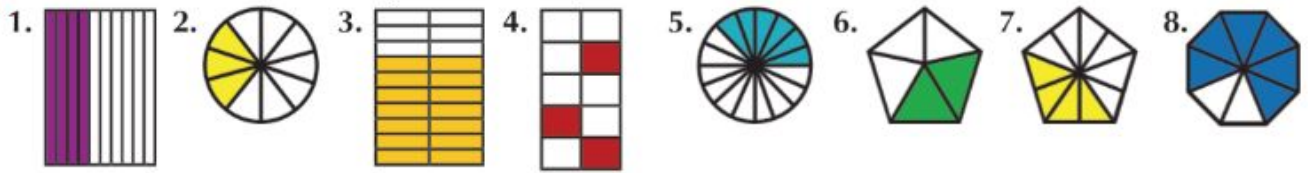


- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

Maths : Percentages

C

What decimal and percentage of each shape is shaded and unshaded?



Answers:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Changing fractions to percentages and percentages to fractions

Sinéad got $\frac{3}{4}$ of her spellings correct.
What percentage is that?

We need to change $\frac{3}{4}$ to hundredths.

Multiply top and bottom by 25. $\frac{3}{4} \times \frac{25}{25} = \frac{75}{100}$

Answer = 75%

Carla got 75% in her spelling test.
What fraction is that?

We need to put the percentage over a hundred.

Simplify the fraction when possible.

$$\frac{75}{100} \div \frac{25}{25} = \frac{3}{4}$$

Answer = $\frac{3}{4}$

D

Change the following to percentages.

1. $\frac{3}{5}$ 2. $\frac{7}{20}$ 3. $\frac{25}{50}$ 4. $\frac{30}{40}$ 5. $\frac{85}{100}$ 6. $\frac{13}{20}$ 7. $\frac{110}{100}$ 8. $\frac{200}{100}$

Answers:

A

What fraction, decimal and percentage of each shape is shaded and unshaded?

1.



2.



3.



4.



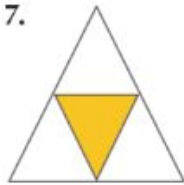
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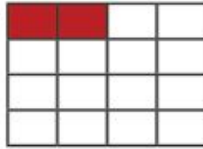
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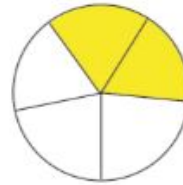
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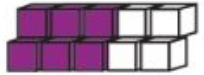
8.



9.



10.



Answers:

WEDNESDAY

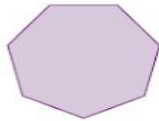
1. 17:55 hours = _____ a.m./p.m.

2. $25.5 + 12.3 =$ _____

3. _____ + 60 = 190

4. $9\frac{3}{5} =$ (improper fraction) _____

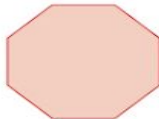
5. This is a _____.



6. $122 \div 10 =$ _____ r _____

7. 15, 30, 45, _____, 75

8. How many vertical lines has a regular octagon?



9. $3\frac{3}{4} =$ (decimal) _____

10. 1, 3, _____ and 15 are factors of 15.

11. $1 > \frac{3}{10}$ ☐ True ☐ False

12. AA, AC, AE, AG, _____

13. $180 \div 10 =$ _____

14. Is 22 a multiple of 4? ☐ Yes ☐ No

15. $700 \times 8 =$ _____

16. This shape is a

☐ pentagonal prism.

☐ pentagonal pyramid.

☐ triangular prism.



17. The angles in a rectangle are all _____ angles.

18. Tick the composite number. ☐ 5 ☐ 6 ☐ 7

19. How many edges has the shape in Question 16?

20. Write these numbers from largest to smallest.

43,725

43,257

43,275

_____, _____, _____

Answers

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18.
- 19.
- 20.

Scannán

Oíche Dé Sathairn a bhí ann.
Chuaigh an chlann ar fad go dtí an siopa DVD.
Fuair siad scannán agus boscaí grán rósta sa siopa DVD.
Ansin chuaigh siad go dtí an siopa.
Cheannaigh siad deochanna agus milseáin.
Chuaigh siad abhaile sa charr.



CEISTEANNA

- 1 Cén lá a bhí ann? (What day was it?)
- 2 Cá ndeachaigh an chlann? (Where did the family go?)
- 3 Céard a fuair siad sa siopa DVD?
(What did they get in the DVD shop?)
- 4 Céard a cheannaigh siad sa siopa?
(What did they buy in the shop?)
- 5 An ndeachaigh siad abhaile sa charr?
(Did they go home in the car?)

FOCLÓIR

Oíche Dé Sathairn *Saturday night*
ar fad *all* siopa DVD *DVD shop*
fuair siad *they got*
boscaí grán rósta *boxes of popcorn*
deochanna *drinks* milseáin *sweets*

- 1.
- 2.
- 3.
- 4.
- 5.

Adverbs

An **adverb** tells us more about a verb. Many adverbs end in **-y**, **-ily** or **-ally**.

Example: The eagle screeched **harshly**.

A Choose adverbs to complete the sentences.

noisily frantically doubtfully luckily brightly

1. The sun shone _____ this morning.
2. The children played _____ in the garden.
3. Mam searched for her purse _____.
4. _____, Mam found her purse under the table.
5. "I don't think you've got that right," he said _____.

B Replace the adverbs with more interesting ones.

1. The hare ran quickly through the field.
2. "Where has Erin gone?" the woman asked worriedly.
3. The baby slept calmly in her cot.
4. "Why did you do that?" Dad asked angrily.
5. The naughty dog crept slowly to his owner.



A

- 1.
- 2.
- 3.
- 4.
- 5.

B

- 1.
- 2.
- 3.
- 4.
- 5.

Adverbs of manner describe **how** something happens.

Example: He ate **greedily**.

Adverbs of time describe **when** something happens.

Example: I went to the cinema **yesterday**.

Adverbs of place describe **where** something happens.

Example: We played **outside**.

C Find and describe the adverbs.

1. Underline the adverbs in the sentences below.
2. Write what kind of adverbs they are.

	Manner, time or place?
"Don't stay here," warned the man.	
"It's my birthday tomorrow," said Cara.	
Soon the leaves will fall from the trees.	
The children went inside to watch television.	
The dog ran energetically in the park.	



Write three sentences using **adverbs of manner, time and place**.

1.

2.

3.

Maths : Percentages

B Put each of these sets of fractions, decimals and percentages in order, starting with the greatest.

1. (a) 17%, 0.7, $\frac{71}{100}$ (b) $\frac{1}{5}$, 21%, 0.23 (c) 11%, $\frac{1}{10}$, 0.011 (d) 24%, $\frac{1}{4}$, 0.40
2. (a) 75%, $\frac{4}{5}$, 0.85 (b) 39%, $\frac{3}{5}$, 0.33 (c) 90%, $\frac{19}{20}$, 0.89 (d) $\frac{5}{8}$, 60%, 0.66
3. (a) 100%, 1.1, $\frac{5}{4}$ (b) 5, 0.55, 50% (c) 11, 11%, 0.12 (d) $\frac{13}{20}$, 50%, 0.56
4. (a) $\frac{3}{20}$, 0.2, 10% (b) $\frac{2}{3}$, 70%, 0.6 (c) 9, 9%, 0.9 (d) 1, 10%, 0.11

Tip: change them to the same thing e.g all percentages.

Example:

1.a) I will change them to percentages : $0.7=7/10=70/100$, $71/100=71\%$

Answer : $71/100$, 0.7, 17%

Finding a fraction, decimal or percentage of a number

1. Aisling spent $\frac{1}{4}$ of her birthday money on a concert ticket. She had €80. How much was the concert ticket?
2. John has 48 animals on his farm. 0.25 of the animals are sheep. How many sheep has John?
3. 25% of Cathal's holiday in Australia was spent in Sydney. His holiday lasted 4 weeks. How long did he spend in Sydney?

The first one should be easy! But how will you find the answers to 2 and 3?

A Calculate each of these.

1. (a) 0.1 of 10 (b) 15% of 60 (c) $\frac{5}{8}$ of 40 (d) 0.25 of 96 (e) 19% of 100
2. (a) 0.75 of 200 (b) $\frac{1}{5}$ of 25 (c) 90% of 80 (d) $\frac{71}{100}$ of 300 (e) 0.45 of 20
3. (a) 5% of 20 (b) 0.85 of 40 (c) $\frac{13}{20}$ of 100 (d) $\frac{3}{5}$ of 45 (e) 0.56 of 200

Tip : Convert the decimals and % into a fraction, then to find a fraction of a number, you divide by the bottom and multiply by the top.

Answers

THURSDAY

Answers

1. 22:10 hours = _____ a.m./p.m.

2. $11.4 + 12.6 =$ _____

3. Complete the multiples of 10.

10				
	120	130	140	150

4. Write these numbers from largest to smallest.

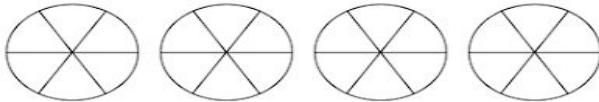
65,702 65,207 65,072

_____ , _____ , _____

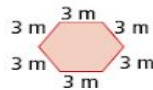
5. _____ + 85 = 120

6. 2, 4, 8, 16, _____, 64

7. Colour to show $\frac{19}{6}$.



8. Perimeter = _____ m



9. $75\% = 0.75$

☐ True

☐ False

10. Draw a 90° turn clockwise.



11. $1,089 < 1,088$ ☐ True ☐ False

12. A1, A5, A10, A50, A100, _____, A1,000

13. How many pairs of parallel lines has a regular hexagon? _____



14. $1 < \frac{4}{5}$ ☐ True ☐ False

15. Is 18 a multiple of 6? _____

16. 1,300 mm = _____ m

17. 1, 2, _____ and 14 are factors of 14.

18. $\frac{3}{5} + \frac{3}{5} = \frac{\boxed{6}}{5} =$ (mixed number) _____

19. Circle the symmetrical letter.

F

G

H

J

R

20. Liam borrowed €5 off a friend. Liam now has:

☐ € + 5

☐ € - 5

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18.
- 19.
- 20.

Cá bhfuil Joey?

Tá Lúsaí, a mamaí agus a deartháir Joey san ollmhargadh. Tá Lúsaí agus a mamaí ag caint. Feiceann Joey cluiche nua.



Tar éis cúpla nóiméad, casann Mamaí timpeall.

Cá bhfuil Joey?

Níl a fhios agam, a Mhamáí.



Joey! Joey!

Joey! Joey!



Joey! Joey!

Ó, a Joey, cá raibh tú?



Cá raibh tú, a Mhamáí?

CEISTEANNA

- 1 Cá bhfuil Lúsaí? (Where is Lúsaí?)
- 2 An bhfuil Daidí san ollmhargadh? (Is Daddy in the supermarket?)
- 3 Cad a fheiceann Joey? (What did Joey see?)
- 4 An bhfuil a fhios ag Lúsaí cá bhfuil Joey? (Does Lúsaí know where Joey is?)

FOCLÓIR

feiceann Joey *Joey sees* cluiche nua *a new game*
tar éis cúpla nóiméad *after a few minutes*
casann Mamaí timpeall *Mammy turns around*
níl a fhios agam *I don't know*
Cá raibh tú? *Where were you?*

Procedure

Grow Your Own Tomatoes

Aim: To grow tomatoes with delicious flavours.

Materials:	Equipment:	Optional equipment:
<ul style="list-style-type: none">• Tomato seeds• Potting compost• Water• Liquid fertiliser	<ul style="list-style-type: none">• Seed tray• Small trowel• Small pots (7.5 cm)• Large pots• Watering can	<ul style="list-style-type: none">• Greenhouse• Polyunnel (a tunnel made from polythene)• Propagator (a covered, heated container)• Growbags (bags with special compost for growing tomatoes)• Bamboo cane

Instructions

1. First, choose the type of tomatoes you want to grow. Small, round, cherry tomatoes have lovely sweet flavours. Popular varieties include *Gardener's Delight* and *Sungold*.
2. Sow seeds between late February and early March. Place your seeds 2 cm deep in compost. The temperature of the compost needs to be kept at **approximately** 22 degrees celcius. Use a propagator if you have one or use a seed tray on a sunny windowsill. Keep the compost moist and never allow it to dry out. Your seeds will **germinate** (put out shoots) in 7–14 days.



3. **Transfer** your seedlings to small 7.5 cm pots when they have about three leaves. Plant them in potting compost. Take care not to touch the stems. Keep your small plants warm. Do not **expose** them to frost, cold wind or draughts.
4. Plant your tomato plants outside when they are 15–20 cm tall. Tomatoes **require** full sunlight. If you have a greenhouse or polyunnel, your tomatoes will ripen earlier. If you are planting outside, choose the warmest, sunniest part of your garden or patio. You can plant your tomato plants straight into an outside bed or in large pots.
5. If you are planting outside, you must harden off the plants first. This means you should place them outside on fine days so they get used to outdoor temperatures. Dig compost into the soil before planting. If you are using growbags, put no more than two plants in each bag. This will give the roots space to spread.
6. Feed your tomatoes with a liquid fertiliser to encourage more flowers and fruit.
7. Growing plants need support. Tie the main stem of each plant to a bamboo cane.
8. Water little and often. Do not allow the soil to dry out and then flood with water! The change in water content will cause the fruit to split.
9. Finally, harvest your tomatoes when they are ripe and firm.

Evaluate: Did your tomatoes grow and ripen well? Did your tomatoes have delicious flavours? Could you taste the difference between your tomatoes and shop-bought tomatoes, which sometimes taste **bland**?

A Answer the questions.

1. What materials do you need to grow tomatoes?
2. How deep into the compost should you sow your tomatoes?
3. What is a propagator?
4. Why do you think you need to keep the seed compost moist?
5. Why should you only put two tomato plants in each growbag?
6. List three things you should do after planting out.
7. What might happen if you don't feed your plants with fertiliser?
8. Do you find the instructions easy to follow? Why or why not?

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

a
b c

Vocabulary

Circle the word closest in meaning to the underlined word.

1. Plant out your tomatoes when they are approximately 20 cm tall.
exactly smoothly about sincerely
2. Your seeds will germinate in 14 days.
sprout wither progress melt
3. Transfer your small plants to larger pots.
translate organise move create
4. Do not expose your plants to frost.
cover up move over reveal close down
5. Tomato plants require full sunlight.
retain need resemble appear
6. The tomatoes from the supermarket tasted bland.
spicy flavourless rich fruity



Maths : Percentages.

B Do it!

- Change each of these decimals into percentages.
(a) 0.25 (b) 0.2 (c) 0.8 (d) 0.66 (e) 0.55 (f) 1.22
- Change each of these percentages into decimals.
(a) 7% (b) 35% (c) 70% (d) 100% (e) 62.5% (f) 300%
- Change each of these fractions into percentages.
(a) $\frac{7}{100}$ (b) $\frac{3}{4}$ (c) $\frac{1}{5}$ (d) $\frac{13}{20}$ (e) $\frac{1}{8}$ (f) $\frac{5}{8}$ (g) $\frac{1}{3}$
- Change each of these percentages into fractions.
(a) 50% (b) 75% (c) 35% (d) 45% (e) 65% (f) 100%



C Solve it!

- 0.4 of the children in a class are girls. There are 20 children in the class. **How many are girls?**
- Justin, Leo and Tom won €4,000 in a lottery. Justin got 40% while Leo and Tom each got 30%. **How much money did they each get?**
- A birthday cake was divided equally among 20 children. **What percentage did they each get?**
- Elaine and Karen had a school project to do. Out of 10 pages, Elaine wrote 6 and Karen wrote 4. **What percentage of the project did they each write?**
- Greg was going by bus from Castlebar to Dublin. After an hour he had 35% of the journey complete. If he still had 195km to go, **how far had he travelled in that hour?**

Answers for B

Answers for C

FRIDAY REVIEW

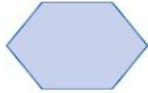
Answers

1. 23:45 hours = _____ a.m./p.m.

2. $6.8 + 7.5 =$ _____

3. $105 +$ _____ $= 150$

4. How many pairs of parallel lines has a hexagon?



5. Tick the composite number.

☐ 17 ☐ 19 ☐ 21

6. $8 \overline{)100} =$ _____
r _____

7. Complete the multiples of 9.

63, _____, _____, 90

8. The angles in a rectangle are all _____ angles.



9. $190 \div 10 =$ _____

10. $2\frac{7}{6} =$ (improper fraction)

11. Which is symmetrical?

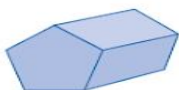
F J Q E

12. $2 \times 78 \times 50$

$=$ _____

13. $\frac{26}{3} =$ (mixed number)

14. Name this shape.



15. This is a net of a _____.



16. AC, AF, AI, _____

17. 4, 8, 16, _____, 64

18. 50% of 10 = _____

19.

17th April
05:00

5 hours before Now

20. $\frac{8}{10} + \frac{6}{10} = \frac{\quad}{10}$
 $=$ (mixed number)

21. Name this shape.



22. How many faces has the shape in Question 21?

23. Write these numbers from largest to smallest.

84,950 _____

84,509 _____

8,450 _____

24. 900×5

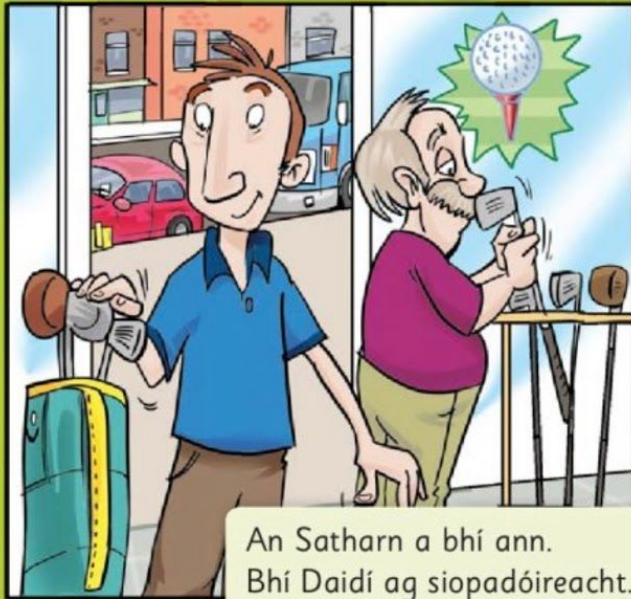
$=$ _____

25. The factors of 8 are

1, _____, _____ and 8.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18.
- 19.
- 20.
- 21.
- 22.
- 23.
- 24.
- 25.

Siopa Gailf!



An Satharn a bhí ann.
Bhí Daidí ag siopadóireacht.



Bhí áthas an domhain air
mar bhí sé sa siopa gailf.



Is breá leis galf.



Cheannaigh sé geansaí, briste,
liathróidí gailf agus mála gailf.
Chuaigh sé abhaile go sona sásta.

CEISTEANNA

- 1 Cén lá a bhí ann? (What day was it?)
- 2 Cé a bhí ag siopadóireacht? (Who was shopping?)
- 3 An raibh áthas ar Dhaidí? Cén fáth? (Was Daddy happy? Why?)
- 4 Cad a cheannaigh sé? (What did he buy?)

FOCLÓIR

siopa gailf *golf shop*
briste *trousers*
liathróidí gailf *golf balls*
mála gailf *golf bag*

Homework

The teacher's **suspicious** –

I got my sums right,
He doesn't believe that I did them last night;
He says that I copied, he tries and he tries
To **force** me to say that I'm telling him lies.
He **blushes** with temper and lets out a roar,
Marches me roughly out on the floor

And tells me by God!

That he'll get to the truth,

That he doesn't know

What's become of the **youth**.

He tells me I copied, and when I **deny**
He presses and presses till I start to cry,
Then he speaks to me gently. I do as I'm bid –
He asks if I copied, and I say I did.

– Gabriel Fitzmaurice



A Quiz time!

- 1 Why is the teacher suspicious?
- 2 What does the teacher not believe?
- 3 Where does the teacher believe that the sums came from?
- 4 What does the teacher try to do?
- 5 What signs are there that the teacher is feeling angry?
- 6 Where does the teacher put the child?
- 7 What does the teacher tell the child?
- 8 Does the child admit to copying straight away?
- 9 What way does the teacher react when the child starts to cry?
- 10 What does the child finally do?

B Think about it!

- 1 Is the tone of this poem serious or humorous? Give reasons for your answer.
- 2 Why should you not copy your homework?

Homework Answers

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

B

1.

2.

suspicious force blushes youth deny



1.

2.

3.

4.

5.

C Read the words. Write the correct one for each definition.
Use your dictionary to help you.

- 1 Power, energy or physical strength.
- 2 The time of your life when you are young.
- 3 Showing distrust of someone or something.
- 4 To say that something is not true.
- 5 Cheeks reddening due to embarrassment or annoyance.

Maths : Percentages

Finding the whole number when you know a fraction, decimal or percentage

$\frac{3}{8}$ of a bottle of cola was left after a party. There is 300ml of cola left. How much cola was in the bottle to begin with?

0.4 of a packet of sweets, which was 4 sweets, were leftover. How many sweets were in the packet to begin with?

12 cards were left at the bottom of the box of cards. 70% had been sent before Christmas. How many cards were originally in the box?

Step 1: Write down what you know

$\frac{3}{8}$ is 300ml

0.4 is 4 sweets

30% cards left is 12

Step 2: Change to a fraction

$\frac{3}{8} = 300\text{ml}$ (already a fraction)

$\frac{2}{5} = 4$ sweets

$\frac{3}{10} = 12$ cards

Step 3: Find one unit of the fraction: divide by the numerator

$\frac{1}{8} = 1$ ($300 \div 3$)

$\frac{1}{5} = 2$ ($4 \div 2$)

$\frac{1}{10} = 4$ ($12 \div 3$)

Step 4: Find multiple units of the fraction: multiply the answer by the denominator

$\frac{8}{8} = 8$ (100×8)

$\frac{5}{5} = 10$ (2×5)

$\frac{10}{10} = 40$ (4×10)

Answers: 800ml of cola

10 sweets

40 cards

A Find the whole number for each of these amounts.

- (a) 0.5 is 6m (b) $\frac{1}{3}$ is €5 (c) 70% is 35km (d) 35% is 21kg (e) 0.45 is 27m
- (a) $\frac{1}{5}$ is €12 (b) $\frac{2}{5}$ is 8 (c) 22% is 33 (d) 6% is €12 (e) 0.8 is 16
- (a) 20% is 1 (b) $33\frac{1}{3}\%$ is 9 (c) 19% is €19 (d) 85% is 34 (e) 95% is €38
- (a) $\frac{3}{2}$ is 6l (b) 120% is €24 (c) 1.75 is 14kg (d) 200% is 50m (e) $\frac{6}{5}$ is €30

Answers for A

Expressing one number as a fraction, decimal or percentage of another

This is easy! Just think of your Friday spelling test!

What fraction of 4 is 3?

Step 1

This is the same as getting 3 out of 4 spellings correct: $\frac{3}{4}$



What decimal fraction of 4 is 3?

Step 1

Repeat step 1 to get a fraction

$$= \frac{3}{4}$$

Step 2

Change $\frac{3}{4}$ to hundredths $\frac{3}{4} = \frac{75}{100}$

x 25

$$\frac{3}{4} = \frac{75}{100}$$

x 25

Step 3

Write as a decimal: **0.75**

What percentage of 4 is 3?

Do all the steps to get a decimal fraction

Step 4

Multiply by 100 and add %

75%

A Express the first of each of these pairs of numbers as a fraction and a decimal fraction of the second. Simplify where you can.

- (a) 3 and 5 (b) 1 and 4 (c) 3 and 10 (d) 2 and 5 (e) 7 and 10
- (a) 1 and 100 (b) 7 and 100 (c) 20 and 100 (d) 85 and 100 (e) 75 and 100
- (a) 40 and 60 (b) 50 and 200 (c) 1 and 20 (d) 3 and 30 (e) 7 and 20

B Express the first of each of these pairs of numbers as a percentage of the second.

- (a) 1 and 4 (b) 3 and 4 (c) 1 and 10 (d) 2 and 8 (e) 3 and 10 (f) 4 and 16
- (a) 7 and 21 (b) 1 and 5 (c) 3 and 5 (d) 13 and 20 (e) 19 and 20 (f) 9 and 100
- (a) 13 and 100 (b) 21 and 100 (c) 33 and 100 (d) 50 and 100 (e) 40 and 50 (f) 60 and 80

Answers for A

Answers for B