

## Year 6 remote learning for Wednesday 24/02/2021

Warm up activity – ‘Mathsbot’ sheet that we did every morning when you came in:

1)  $4^2 + 2 - 9$

Answer: \_\_\_\_\_

2)  $25 \div 5$

Answer: \_\_\_\_\_

3) Share 22 in the ratio 7:4.

Answer: \_\_\_\_\_

4) Find the mean of the following set of data:

6, 4, 11, 2, 7, 7, 6, 4

Answer: \_\_\_\_\_

5)  $(-36) \div (-4)$

Answer: \_\_\_\_\_

6)  $205 - 100$

Answer: \_\_\_\_\_

7)  $\frac{5}{6} - \frac{3}{4}$

Answer: \_\_\_\_\_

8) 2% of 60

Answer: \_\_\_\_\_

9) Round 0.545818 to 2 decimal places.

Answer: \_\_\_\_\_

10)  $\frac{1}{7} + \frac{9}{17}$

Answer: \_\_\_\_\_

11)  $\frac{6}{15} \times \frac{10}{14}$

Answer: \_\_\_\_\_

12)  $\frac{3}{12}$  of 96

Answer: \_\_\_\_\_

13)  $11 \times 2$

Answer: \_\_\_\_\_

14)  $\frac{2}{3} \div \frac{8}{11}$

Answer: \_\_\_\_\_

15)  $45.5 \div 10$

Answer: \_\_\_\_\_

16)  $99 + 20$

Answer: \_\_\_\_\_

17)  $3 - (-9)$

Answer: \_\_\_\_\_

18) Simplify  $\frac{25}{65}$

Answer: \_\_\_\_\_

19)  $(-7) \times (-2)$

Answer: \_\_\_\_\_

20)  $36 \times 100$

Answer: \_\_\_\_\_

Total: \_\_\_\_ / 20

Answers on the next page

1) 9	2) 5	<b>Answers</b>	4) 5.88	5) 9
6) 105	7) $\frac{1}{12}$	3) 14 : 8	9) 0.55	10) $\frac{80}{119}$
11) $\frac{2}{7}$	12) 24	8) 1.2	14) $\frac{11}{12}$	15) 4.55
16) 119	17) 12	13) 22	19) 14	20) 3600
		18) $\frac{5}{13}$		

## Mathematics lesson:

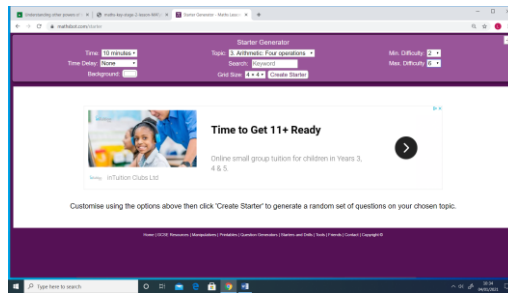
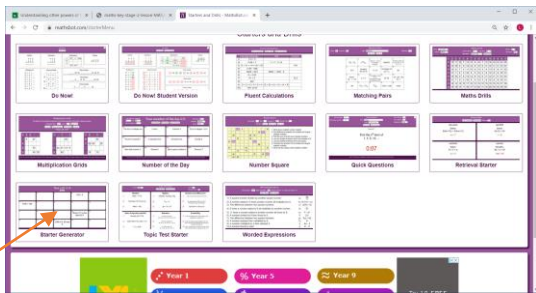
5-a-day booklet first. Answers can be found on: <https://corbettmathsprimary.com/2018/05/30/5-a-day-november-answers/>

Alternatively, if you have picked up the next pack, the February answers are here:

<https://corbettmathsprimary.com/2018/05/30/5-a-day-february-answers/>

## Mental maths:

Use mathsbot as we normally do in class. <https://mathsbot.com/starterMenu>



Choose starter generator. Then choose time: 10 minutes, topic: four operations, min difficulty: 2, max difficulty 6. Then click create starter. You will have 10 minutes to complete the starter as we would do normally in class. Once the time has run out, click each box to reveal the answers.

## Main part of the lesson – Simplifying fractions

**Activity:** Today we will be recapping how to simplify fractions. This should be hopefully quite simple as it's all about knowing your times tables! Follow the link below:

<https://www.youtube.com/watch?v=O3tEHya04FY>

**Now have a go at either the bronze, silver or gold activity:**

**Bronze:**

# Simplifying Fractions

Use common factors, simplify the following fractions to their simplest form:

1.  $\frac{8}{16} = \frac{\quad}{\quad}$

2.  $\frac{7}{21} = \frac{\quad}{\quad}$

3.  $\frac{9}{15} = \frac{\quad}{\quad}$

4.  $\frac{2}{10} = \frac{\quad}{\quad}$

5.  $\frac{3}{12} = \frac{\quad}{\quad}$

6.  $\frac{5}{20} = \frac{\quad}{\quad}$

7.  $\frac{8}{20} = \frac{\quad}{\quad}$

8.  $\frac{4}{6} = \frac{\quad}{\quad}$

9.  $\frac{12}{24} = \frac{\quad}{\quad}$

10.  $\frac{10}{15} = \frac{\quad}{\quad}$

11.  $\frac{4}{16} = \frac{\quad}{\quad}$

12.  $\frac{6}{12} = \frac{\quad}{\quad}$

13.  $\frac{4}{16} = \frac{\quad}{\quad}$

14.  $\frac{9}{12} = \frac{\quad}{\quad}$

15.  $\frac{6}{18} = \frac{\quad}{\quad}$

16.  $\frac{10}{30} = \frac{\quad}{\quad}$

17.  $\frac{10}{25} = \frac{\quad}{\quad}$

18.  $\frac{10}{16} = \frac{\quad}{\quad}$

# Simplifying Fractions Answers

Use common factors, simplify the following fractions to their simplest form:

1.  $\frac{8}{16} = \frac{1}{2}$

2.  $\frac{7}{21} = \frac{1}{3}$

3.  $\frac{9}{15} = \frac{3}{5}$

4.  $\frac{2}{10} = \frac{1}{5}$

5.  $\frac{3}{12} = \frac{1}{4}$

6.  $\frac{5}{20} = \frac{1}{4}$

7.  $\frac{8}{20} = \frac{2}{5}$

8.  $\frac{4}{6} = \frac{2}{3}$

9.  $\frac{12}{24} = \frac{1}{2}$

10.  $\frac{10}{15} = \frac{2}{3}$

11.  $\frac{4}{16} = \frac{1}{4}$

12.  $\frac{6}{12} = \frac{1}{2}$

13.  $\frac{4}{16} = \frac{1}{4}$

14.  $\frac{9}{12} = \frac{3}{4}$

15.  $\frac{6}{18} = \frac{1}{3}$

16.  $\frac{10}{30} = \frac{1}{3}$

17.  $\frac{10}{25} = \frac{2}{5}$

18.  $\frac{10}{16} = \frac{5}{8}$

Silver:

# Simplifying Fractions

Use common factors, simplify the following fractions to their simplest form:

1.  $\frac{4}{16} = \frac{\quad}{\quad}$

2.  $\frac{14}{21} = \frac{\quad}{\quad}$

3.  $\frac{6}{15} = \frac{\quad}{\quad}$

4.  $\frac{18}{34} = \frac{\quad}{\quad}$

5.  $\frac{9}{12} = \frac{\quad}{\quad}$

6.  $\frac{36}{45} = \frac{\quad}{\quad}$

7.  $\frac{12}{20} = \frac{\quad}{\quad}$

8.  $\frac{42}{64} = \frac{\quad}{\quad}$

9.  $\frac{15}{24} = \frac{\quad}{\quad}$

10.  $\frac{15}{35} = \frac{\quad}{\quad}$

11.  $\frac{14}{16} = \frac{\quad}{\quad}$

12.  $\frac{3}{33} = \frac{\quad}{\quad}$

13.  $\frac{9}{18} = \frac{\quad}{\quad}$

14.  $\frac{9}{27} = \frac{\quad}{\quad}$

15.  $\frac{15}{25} = \frac{\quad}{\quad}$

16.  $\frac{18}{54} = \frac{\quad}{\quad}$

17.  $\frac{6}{8} = \frac{\quad}{\quad}$

18.  $\frac{42}{49} = \frac{\quad}{\quad}$

Answers:

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## Simplifying Fractions Answers

Use common factors, simplify the following fractions to their simplest form:

1.  $\frac{4}{16} = \frac{1}{4}$

2.  $\frac{14}{21} = \frac{2}{3}$

3.  $\frac{6}{15} = \frac{2}{5}$

4.  $\frac{18}{34} = \frac{9}{17}$

5.  $\frac{9}{12} = \frac{3}{4}$

6.  $\frac{36}{45} = \frac{4}{5}$

7.  $\frac{12}{20} = \frac{3}{5}$

8.  $\frac{42}{64} = \frac{21}{32}$

9.  $\frac{15}{24} = \frac{5}{8}$

10.  $\frac{15}{35} = \frac{3}{7}$

11.  $\frac{14}{16} = \frac{7}{8}$

12.  $\frac{3}{33} = \frac{1}{11}$

13.  $\frac{9}{18} = \frac{1}{2}$

14.  $\frac{9}{27} = \frac{1}{3}$

15.  $\frac{15}{25} = \frac{3}{5}$

16.  $\frac{18}{54} = \frac{1}{3}$

17.  $\frac{6}{8} = \frac{3}{4}$

18.  $\frac{42}{49} = \frac{6}{7}$

Gold:

# Simplifying Fractions

Use common factors, simplify the following fractions to their simplest form:

1.  $\frac{15}{33} = \frac{\quad}{\quad}$

10.  $\frac{3}{\quad} = \frac{1}{4}$

19.  $\frac{4}{\quad} = \frac{2}{\quad}$

2.  $\frac{12}{15} = \frac{\quad}{\quad}$

11.  $\frac{\quad}{45} = \frac{3}{5}$

20.  $\frac{\quad}{\quad} = \frac{8}{\quad}$

3.  $\frac{9}{36} = \frac{\quad}{\quad}$

12.  $\frac{32}{48} = \frac{\quad}{3}$

21.  $\frac{\quad}{12} = \frac{\quad}{6}$

4.  $\frac{14}{20} = \frac{\quad}{\quad}$

13.  $\frac{35}{80} = \frac{7}{\quad}$

22.  $\frac{5}{\quad} = \frac{1}{\quad}$

5.  $\frac{115}{230} = \frac{\quad}{\quad}$

14.  $\frac{\quad}{42} = \frac{1}{3}$

23.  $\frac{14}{\quad} = \frac{1}{\quad}$

6.  $\frac{14}{49} = \frac{\quad}{\quad}$

15.  $\frac{48}{\quad} = \frac{1}{2}$

24.  $\frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{4}{18} = \frac{\quad}{\quad}$

16.  $\frac{18}{72} = \frac{\quad}{4}$

25.  $\frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{15}{85} = \frac{\quad}{\quad}$

17.  $\frac{28}{84} = \frac{1}{\quad}$

26.  $\frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{6}{50} = \frac{\quad}{\quad}$

18.  $\frac{4}{\quad} = \frac{1}{\quad}$

27.  $\frac{\quad}{\quad} = \frac{\quad}{\quad}$



**Answers:**

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# Simplifying Fractions Answers

Use common factors, simplify the following fractions to their simplest form:

1.  $\frac{15}{33} = \frac{5}{11}$

10.  $\frac{3}{12} = \frac{1}{4}$

19.  $\frac{4}{8} = \frac{1}{2}$

2.  $\frac{12}{15} = \frac{4}{5}$

11.  $\frac{27}{45} = \frac{3}{5}$

20.  $\frac{4}{8} = \frac{1}{2}$

3.  $\frac{9}{36} = \frac{1}{4}$

12.  $\frac{32}{48} = \frac{2}{3}$

21.  $\frac{4}{8} = \frac{1}{2}$

4.  $\frac{14}{20} = \frac{7}{10}$

13.  $\frac{35}{80} = \frac{7}{16}$

22.  $\frac{5}{10} = \frac{1}{2}$

5.  $\frac{115}{230} = \frac{1}{2}$

14.  $\frac{14}{42} = \frac{1}{3}$

23.  $\frac{14}{28} = \frac{1}{2}$

6.  $\frac{14}{49} = \frac{2}{7}$

15.  $\frac{48}{96} = \frac{1}{2}$

24.  $\frac{4}{8} = \frac{1}{2}$

7.  $\frac{4}{18} = \frac{2}{9}$

16.  $\frac{18}{72} = \frac{1}{4}$

25.  $\frac{4}{8} = \frac{1}{2}$

8.  $\frac{15}{85} = \frac{3}{17}$

17.  $\frac{28}{84} = \frac{1}{3}$

26.  $\frac{4}{8} = \frac{1}{2}$

9.  $\frac{6}{50} = \frac{3}{25}$

18.  $\frac{4}{20} = \frac{1}{5}$

27.  $\frac{4}{8} = \frac{1}{2}$

## English lesson:

Activity: Carry on with your research about rainforests that you started yesterday.

## VIPERS

Read the attached pdf – ‘World burn down’. Underline any unknown words and find their meaning in a dictionary.

## Spellings for the week:

**Mrs. Rudd's group**

# Cursive Handwriting Practice

Practise your weekly spelling words using cursive handwriting.

official

special

artificial

social

racial

crucial

facial

beneficial

superficial

antisocial

**Mrs. Switzer's group**

grate

great

grown

groan

plain

plane

peace

piece

rain

reign

**P.E. lesson:**

Continue with your circuit training. Did you beat your score?