Homework/Extension
Step 5: Order Fractions

Teaching note: For Greater Depth questions, children are required to apply their previous knowledge of equivalent fractions so that they can order the fractions.

National Curriculum Objectives:

Mathematics Year 3: (3F2) Recognise and show, using diagrams, equivalent fractions with small denominators
Mathematics Year 3: (3F3) Compare and order unit fractions and fractions with the same denominators
Mathematics Year 3: (3F4) Add and subtract fractions with the same denominator within one whole
Mathematics Year 3: (3F10) Solve problems that involve the above objectives

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Order the different fraction representations. Unit fractions or fractions with the same denominator. Halves, quarters and thirds only. With pictorial support.
Expected Order the different fraction representations. Unit fractions or fractions with the same denominator within twelfths. Some pictorial support.
Greater Depth Order the different fraction representations. Unit and non-unit fractions with different denominators within twelfths applying prior knowledge of equivalent fractions. Some pictorial support.

Questions 2, 5 and 8 (Varied Fluency)
Developing Tick the set of fractions that are ordered correctly. Unit fractions or fractions with the same denominator. Halves, quarters and thirds only. With pictorial support.
Expected Tick the set of fractions that are ordered correctly. Unit fractions or fractions with the same denominator within twelfths. No pictorial support.
Greater Depth Tick the set of fractions that are ordered correctly. Unit and non-unit fractions with different denominators within twelfths applying prior knowledge of equivalent fractions. No pictorial support.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Explain if the fractions have been ordered correctly. Unit fractions or fractions with the same denominator. Halves, quarters and thirds only. With pictorial support.
Expected Explain if the fractions have been ordered correctly. Unit fractions or fractions with the same denominator within twelfths. Some pictorial support.
Greater Depth Explain if the fractions have been ordered correctly. Unit fractions or fractions with the same denominator within twelfths applying prior knowledge of equivalent fractions.

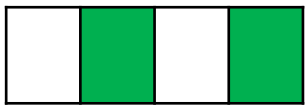
More Year 3 Fractions resources.

Did you like this resource? Don't forget to review it on our website.

Order Fractions

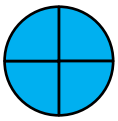
1. Order the fractions in ascending order.

A. $\frac{3}{4}$

B. 

C. $\frac{0}{4}$

D. 

E. 

D

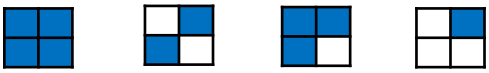
VF
HW/Ext

2. Tick the set of fractions that are ordered correctly.

A. $\frac{0}{3}$ $\frac{2}{3}$ $\frac{1}{3}$ $\frac{3}{3}$ ☐

B. $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ ☐

C. $\frac{4}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{1}{4}$ ☐



D. $\frac{0}{2}$ $\frac{2}{2}$ $\frac{1}{2}$ ☐

D

VF
HW/Ext

3. Three children were eating cherry pies at Chen's house. Chen says,

Ciaran ate $\frac{2}{4}$ of his pie.

Sonia ate $\frac{1}{4}$ of her pie.

Paddy ate $\frac{3}{4}$ of his pie.

I have ordered them from the person who ate the most pie to the person who ate the least.

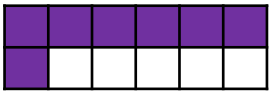
Has Chen ordered them correctly? Prove it.

D

RPS
HW/Ext

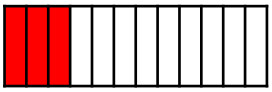
Order Fractions

4. Order the fractions in ascending order.

A. 

B. $\frac{11}{12}$

C. $\frac{5}{12}$

D. 

E. $\frac{6}{12}$

F. 

E

VF
HW/Ext

5. Tick the set of fractions that are arranged in descending order correctly.

A. $\frac{2}{8}$ $\frac{4}{8}$ $\frac{1}{8}$ $\frac{7}{8}$ $\frac{6}{8}$ $\frac{3}{8}$ ☐

B. $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{6}$ $\frac{1}{8}$ $\frac{1}{10}$ $\frac{1}{12}$ ☐

C. $\frac{8}{9}$ $\frac{7}{9}$ $\frac{5}{9}$ $\frac{6}{9}$ $\frac{4}{9}$ $\frac{3}{9}$ ☐

E

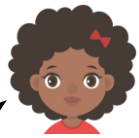
VF
HW/Ext

6. Three children were eating pizzas at Suzie's party. Suzie says,

Eric ate $\frac{7}{8}$ of his pizza.

Diane ate $\frac{2}{8}$ of her pizza.

Dion ate $\frac{5}{8}$ of his pizza.



I have ordered them from the person who ate the most pizza to the person who ate the least.

Has Suzie ordered them correctly? Prove it.

E

RPS
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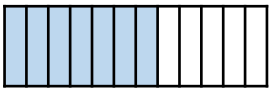
Order Fractions

7. Order the fractions in ascending order.

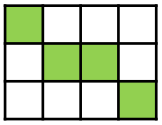
A. 

B. $\frac{1}{12}$

C. $\frac{11}{12}$

D. $\frac{3}{4}$

E. $\frac{1}{4}$

F. 

GD

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8. Tick the set of fractions that are arranged in descending order correctly.

A. $\frac{11}{12}$ $\frac{10}{12}$ $\frac{2}{3}$ $\frac{3}{6}$ $\frac{1}{3}$ $\frac{1}{6}$ ☐

B. $\frac{7}{8}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$ ☐

C. $\frac{9}{10}$ $\frac{8}{10}$ $\frac{1}{2}$ $\frac{3}{5}$ $\frac{2}{5}$ $\frac{1}{5}$ ☐

GD

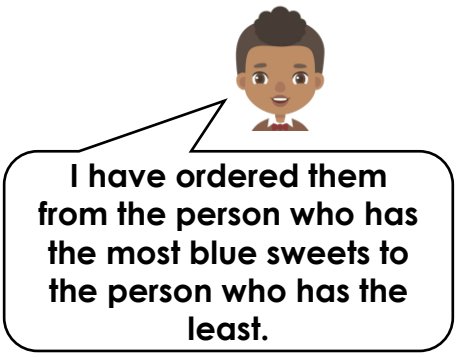
VF
HW/Ext

9. Three children were counting sweets at Ali's party. Ali says,

$\frac{1}{2}$ of Derek's sweets are blue.

$\frac{3}{4}$ of Courtney's sweets are blue.

$\frac{7}{8}$ of Talia's sweets are blue.



Has Ali ordered them correctly? Prove it.

GD

RPS
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Homework/Extension
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Developing

1. C, D, B, A, E
2. B
3. Chen is incorrect because $\frac{1}{4}$ is smaller than $\frac{2}{4}$.

The correct order is $\frac{3}{4}, \frac{2}{4}, \frac{1}{4}$.

Expected

4. D, C, E, A, F, B
5. B
6. Suzie is incorrect because $\frac{2}{8}$ is smaller than $\frac{5}{8}$.

The correct order is $\frac{7}{8}, \frac{5}{8}, \frac{2}{8}$.

Greater Depth

7. B, E, F, A, D, C
8. A
9. Ali is incorrect because $\frac{1}{2}$ is the smallest amount and $\frac{3}{4}$ is smaller than $\frac{7}{8}$.

The correct order is $\frac{7}{8}, \frac{3}{4}, \frac{1}{2}$.