

```
SetDirectory@"C:\\drorbn\\AcademicPensieve\\Classes\\16-475-ProblemSolving\\  
Quiz2StudentFigures"
```

```
C:\\drorbn\\AcademicPensieve\\Classes\\16-475-ProblemSolving\\Quiz2StudentFigures
```

```
FileNames[RegularExpression@ "\\d\\.png"]
```

```
{01.png, 02.png, 03.png, 04.png, 05.png, 06.png,
```

```
07.png, 08.png, 09.png, 10.png, 11.png, 12.png, 13.png, 14.png}
```

Import["nb/Collage.pdf"]

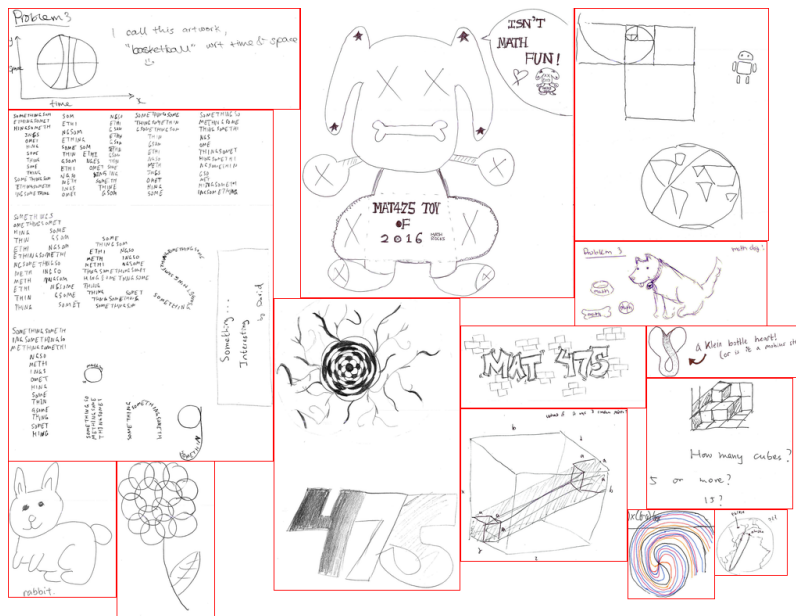
Dror Bar-Natan: Academic Pensieve: Classes: 16-475-ProblemSolving: Quiz2StudentFigures: Collage.nb

2016-01-27 09:46:32

```
SetDirectory["C:\\drorbn\\AcademicPensieve\\Classes\\16-475-ProblemSolving\\
Quiz2StudentFigures"]
```

```
C:\\drorbn\\AcademicPensieve\\Classes\\16-475-ProblemSolving\\Quiz2StudentFigures
```

```
ImageCollage[
  Scaled[1] -> Import /@ FileNames[RegularExpression@"\\d\\.png"],
  "Fit", 1024,
  Method -> "ClosestPacking", Background -> White, Padding -> Red, ImagePadding -> 5
]
```



```
Export["Collage.png",
ImageCollage[
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  "Fit", 1600,
  Method -> "ClosestPacking", Background -> White, Padding -> Red, ImagePadding -> 4
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]
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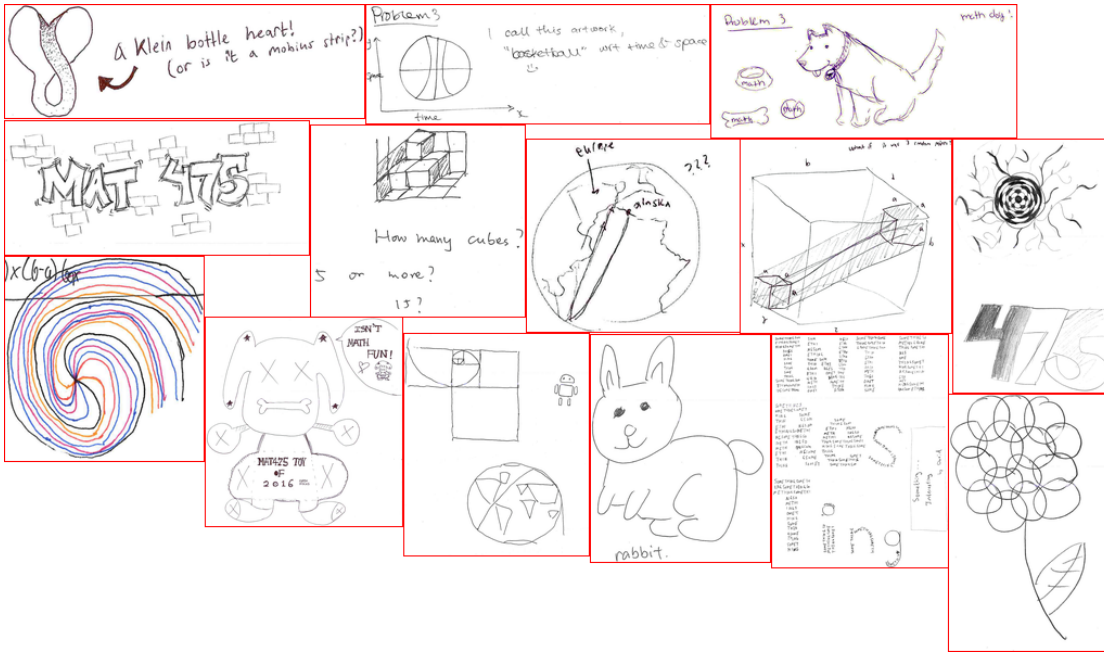
Collage.png

<http://drorbn.net/AcademicPensieve/Classes/16-475-ProblemSolving/Quiz2StudentFigures/#MathematicaNotebooks>

Import /@ FileNames[RegularExpression@"\\d\\.png"]


```
Export["Collage.png",
ImageCollage[
  Scaled[1] → Import /@ FileNames[RegularExpression@"\\d\\.png"],
  "Fit", 1600,
  Method → "ClosestPacking", Background → White, Padding → Red, ImagePadding → 4
]
]
Collage.png
```

```
ImageCollage[
  1 → Import /@ FileNames[RegularExpression@"\\d\\.png"],
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]
```



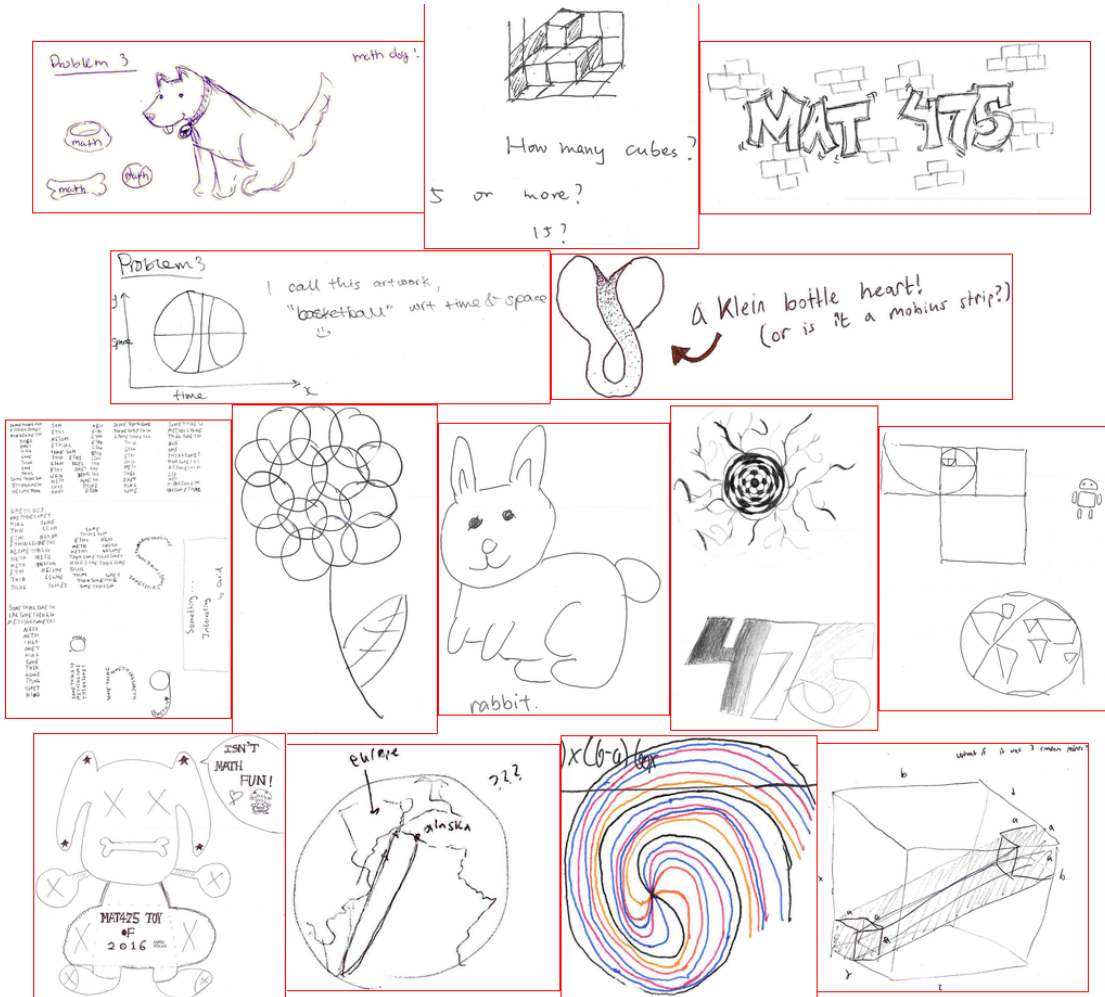
ImageCollage[

1 -> Import /@ FileNames[RegularExpression@"\\d\\.png"],

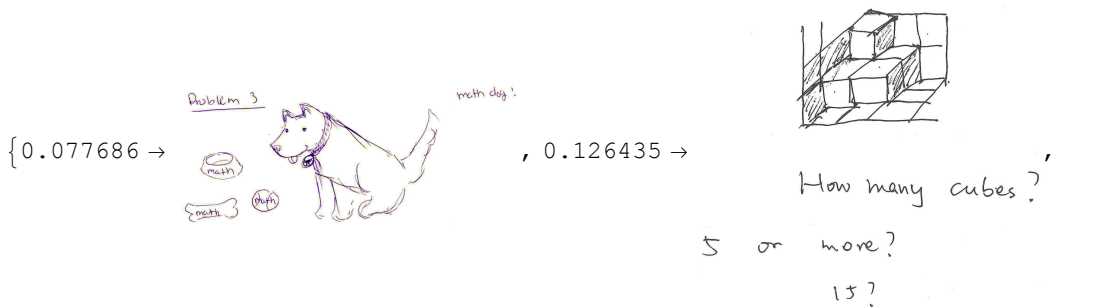
"Fit", 1024,

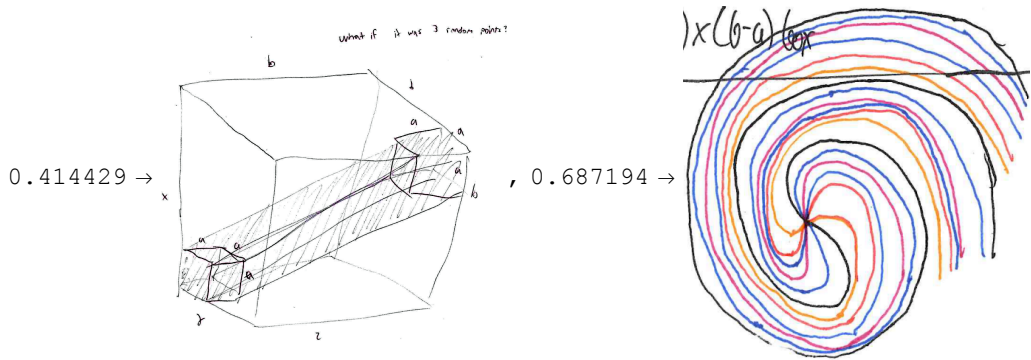
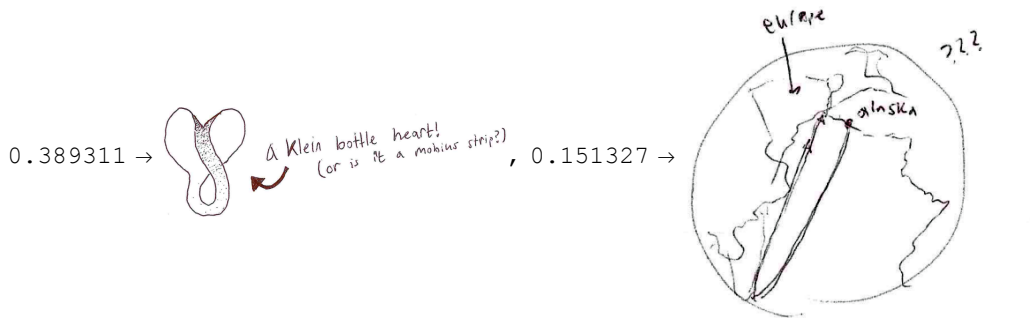
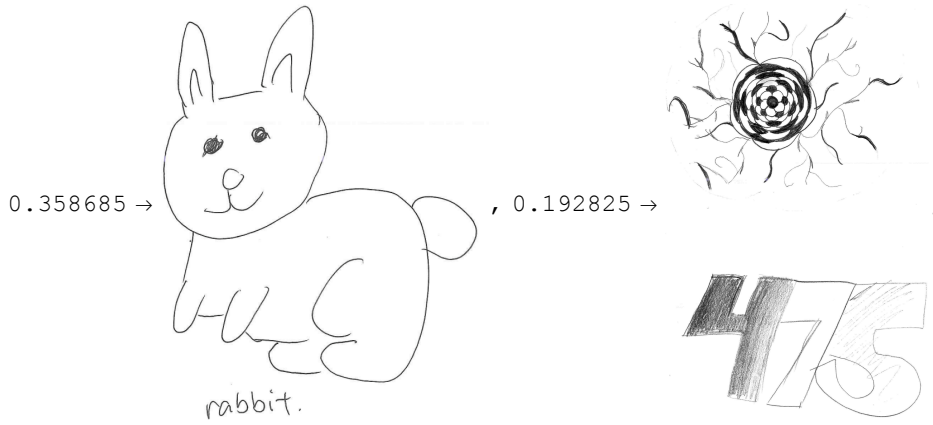
Method -> "Rows", Background -> White, Padding -> Red, ImagePadding -> 5

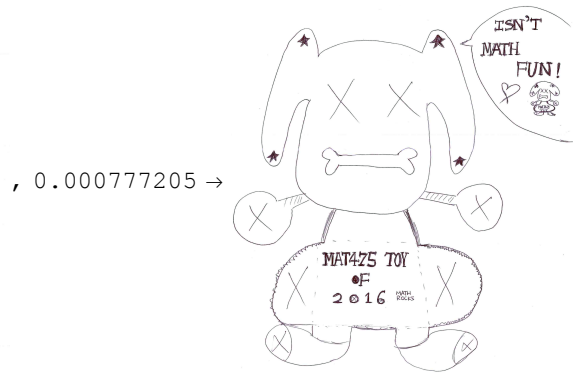
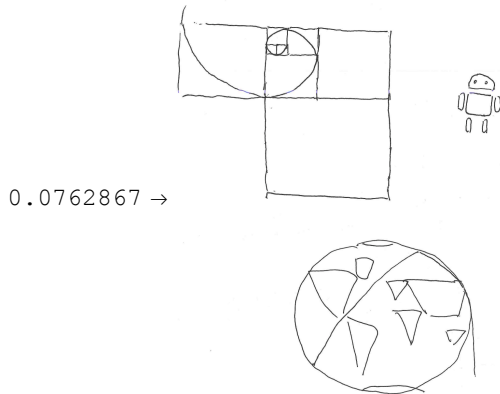
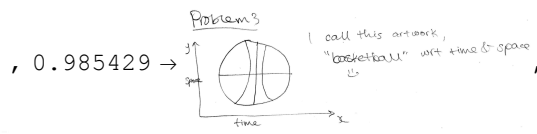
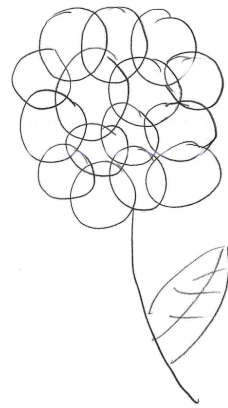
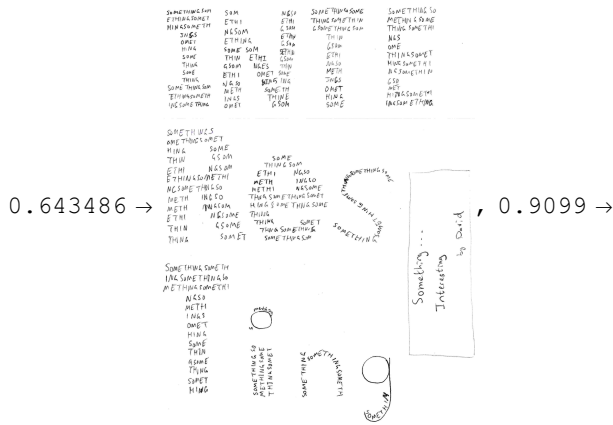
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(Random[] -> Import[#]) & /@ FileNames[RegularExpression@"\\d\\.png"]







```
ImageCollage[
(Random[] -> Import[#]) & /@ FileNames[RegularExpression@"\\d\\d.png"],
"Fit", 1024,
Background -> White, Padding -> Red, ImagePadding -> 5
]
```